

# ARMY



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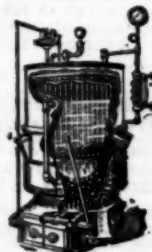
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## THE ARMY.

GROVER, CLEVELAND, President, and Commander-in-Chief of the Army and Navy.

DANIEL S. LAMONT, Secretary of War.

LEWIS A. GRANT, Assistant Secretary of War.

## CORPS AND STAFF DEPARTMENTS.

## Adjutant and Inspector Generals.

The following changes of officers of the Adjutant General's Department are ordered: Lieut.-Col. Michael V. Sheridan, A. A. G., will be relieved from duty at Hdqrs. Dept. of the Platte, and will then proceed to St. Paul, Minn., for duty as A. A. G. of the Dept. of Dakota, relieving Major Theodore Schwan, A. A. G., who will proceed to Omaha, Neb., for duty as A. A. G. Dept. of Platte; Lieut.-Col. Thomas Ward, A. A. G., will be relieved from duty at the Dept. of the Columbia, and will proceed to Denver, Colo., for duty as A. A. G. Dept. of Colorado; Major George S. Wilson, A. A. G., will proceed to Vancouver Bks., Wash., for duty as A. A. G. Dept. of Columbia, and Major Wm. P. Hall, A. A. G., will repair to Washington, D. C., for duty in the office of the Adjutant General (S. O., Nov. 17, H. Q. A.).

Cpl. Edward M. Heyl, I. G., will proceed to Milwaukee, Wis., on public business (S. O. 121, Nov. 13, D. Mo.).

Col. Edward M. Heyl, I. G., will proceed to Kansas City, Mo., Leavenworth, the U. S. Military Prison and Fort Leavenworth, Kas., on public business (S. O. 122, Nov. 15, D. Mo.).

## Quartermasters and Subsistence Departments

Capt. John McE. Hyde, A. Q. M., will relieve Capt. Henry E. Robinson, 4th Inf., temporarily in charge as A. Q. M., of his duties at Vancouver Q. M. Depot (S. O. 21, Nov. 11, D. Columbia.).

Major Daniel D. Wheeler, Q. M., will, in addition to his present duties, relieve Capt. John F. Rodgers, military storekeeper, of his duties pertaining to the War Department exhibit at the World's Columbian Exposition, Chicago, Ill. Capt. Rodgers will, upon being relieved by Capt. Wheeler, repair to and take station at Washington for the purpose of settling his accounts (S. O., Nov. 20, H. Q. A.).

## Pay Department.

Major Wm. H. Hamner, paymaster, is relieved from further duty at San Antonio, Tex., and will proceed to and take station at Fort Brown, Tex. (S. O., Nov. 18, H. Q. A.).

## Medical Department.

Leave for one month on surgeon's certificate, with permission to go beyond the limits of the department, is granted 1st Lieut. Madison M. Brewer, asst. surg. (S. O. 121, Nov. 13, D. Mo.).

Capt. Edward O. Carter, asst. surg., Vancouver Bks., Wash., will report to Capt. F. A. Boutelle, 1st Cav., for instructions and accompany him to the Clearwater country, Idaho (S. O. 211, Nov. 12, D. Columbia.).

Capt. Wm. L. Kneidler, asst. surg., is relieved from duty as examiner of recruits in San Francisco (S. O. 108, Nov. 11, D. California.).

The leave granted Major Curtis E. Munn, surg., is extended two months (S. O., Nov. 16, H. Q. A.).

Capt. John L. Phillips, asst. surg., is relieved from duty as a member of the G. C. M. at Fort Myer (S. O. 259, Nov. 21, D. East.).

Capt. Charles B. Ewing, asst. surg., is relieved as a member of the G. C. M. at Fort McHenry, Md. (S. O. 260, Nov. 22, D. East.).

Pvt. Ernest Laub, Hospital Corps, will proceed to the Clearwater country, Idaho, to report to Capt. E. C. Carter, asst. surg. (S. O. 211, Nov. 12, D. Columbia.).

Pvt. Charles L. Lehman, Co. B, 23d Inf., is transferred to the Hospital Corps as a private and assigned to Fort Bliss (new post); Pvt. Philipp Matthew, now awaiting orders at Fort Columbus, N. Y., is assigned to duty at that post (S. O., Nov. 16, H. Q. A.).

Corpl. Wm. Wachtstetter, Co. D, 8th Inf., is transferred to the Hospital Corps as a private; Pts. Nicolas Nelson, Hospital Corps, is transferred to Troop 1, 7th Cav.; Johann Daub, Hospital Corps, is transferred to Watervliet Arsenal, N. Y., and Louis Becker, Hospital Corps, is transferred to Fort Hamilton, N. Y. (S. O., Nov. 21, H. Q. A.).

## Engineer and Ordnance Departments.

The leave granted Capt. Thomas W. Symons, C. E., is extended 20 days (S. O., Nov. 17, H. Q. A.).

The Engineer troops at Willets Point will take part in the ceremonies in New York Nov. 25, attending the unveiling of the statue of Capt. Nathan Hale.

The Battalion of Engineers will assist, on Nov. 25, in the ceremonies attending the presentation of the statue of Capt. Nathan S. Hale to the city of New York (S. O. 51, Nov. 18, C. E.).

## Signal Corps.

Capt. Richard E. Thompson, Signal Corps, will proceed from Washington, D. C., to San Antonio, Tex., for duty as chief signal officer, and in addition to this duty will assume charge of the construction, operation, and maintenance of all military telegraph lines within the Dept. of Texas (S. O., Nov. 18, H. Q. A.).

S. O. 267, Nov. 18, 1893, H. Q. A., directing Capt. Richard E. Thompson, Signal Corps, to proceed from Washington to San Antonio, Tex., is amended so as direct him to proceed to San Antonio, Tex., from Chicago, his present station (S. O., Nov. 20, H. Q. A.).

## THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

## 1st Cavalry, Colonel Abraham K. Arnold.

Hdqs., C. E. F. G. H. and K. Ft. Grant; D. Ft. Apache, B and I, Ft. Bayard, N. M.; L. Ft. Custer, Mont.; A. Ft. Myer, Va.—Indian troops.

Capt. F. A. Boutelle will proceed at once to the

Clearwater country, Idaho, via Lolo Trail, take command of all the troops west of the Bitter Root Ridge, Idaho, now in search of lost hunters. Capt. Boutelle is vested with authority to use all means according to his best judgment towards rescuing and properly caring for the snow-bound party of hunters reported to be in destitute condition in that region (S. O. 211, Nov. 12, D. Columbia.).

Lance Corp. Ferdinand Rhode was on Nov. 13 appointed corporal, vice Corp. Wm. H. Mullan, promoted 2d lieutenant (Orders 77, Nov. 13, Fort Grant, A. T.).

## 4th Cavalry, Colonel Chas. E. Compton.

Hdqs., A, D and H, Ft. Walla Walla, Wash.; C, Ft. Bidwell, Cal.; G, Ft. Sherman, Idaho; E, Vancouver Bks., Wash.; F, Boise Bks., Idaho; B, I. I. and K, Presidio of San Francisco, Cal.; J, d. s. Sequoia National Park, d. s. Yosemite National Park.

1st Lieut. Charles P. Elliott is appointed A. A. Q. M. and A. C. S. while on duty in the field under special instructions from Hdqrs. Dept. Columbia (S. O. 210, Nov. 11, D. Columbia.).

## 5th Cavalry, Colonel James F. Wade.

Hdqs., G and D, Ft. McIntosh, Tex.; A and H, Fort Sam Houston, Tex.; B, Ft. Clark, Tex.; F, Camp Eagle Pass, Tex.; E and I, Ft. Ringgold, Tex.; G and K, Ft. Brown, Tex.

Leave for one month, to take effect about Nov. 1, is granted 2d Lieut. J. E. Cusack (S. O. 126, Nov. 16, D. Tex.).

## 6th Cavalry, Colonel David S. Gordon.

Hdqs., A, E, G, H, K and L, Ft. Niobrara, Neb.; C, Ft. McKinney, Wyo.; D and I, Fort Yellowstone, Wyo.; F, Washakie, Wyo.; J, Fort Leavenworth, Kas.—Indian troops.

1st Lieut. Thos. Cruise will be relieved from duty at the U. S. Infantry and Cavalry School, Ft. Leavenworth, Kas., and will then proceed to join his regiment (S. O., Nov. 20, H. Q. A.).

## 8th Cavalry, Colonel Caleb H. Carlton.

Hdqs., A, B, C, E, I, and K, Ft. Meade, S. D.; D, Ft. Leavenworth, Kas.; L, Ft. Keogh, Mont.; F and G, Ft. Yates, N. D.; H, Ft. Myer, Va.—Indian troops.

Leave for four months, to take effect on or about Dec. 1, is granted Capt. John Guest (S. O., Nov. 17, H. Q. A.).

## 9th Cavalry, Colonel James Biddle.

Hdqs., A, D, E, F, G and I, Ft. Robinson, Neb.; B and H, Fort Du Chesse, Utah; C, Ft. McKinney, Wyo.; K, Fort Myer, Va.

Leave for 15 days, to take effect during the present month, is granted Capt. Charles W. Taylor, Ft. McKinney, Wyo. (S. O. 113, Nov. 13, D. Platte.).

Capt. Jerauld A. Olmsted, recruiting officer, No. 11 Abington Square, N. Y. City, will visit the rendezvous No. 275 Market street, Newark, N. J., Nov. 20 and 30 (S. O. 249, Nov. 14, Rec. Ser.).

## 10th Cavalry, Colonel John K. Misner.

Hdqs., B, E, G and K, Ft. Custer, Mont.; C and F, Ft. Assiniboine, Mont.; I, Ft. Leavenworth, Kas.; D and H, Ft. Buford, N. D.; A, Ft. Keogh, Mont.

The leave granted 1st Lieut. Wm. H. Hay is extended one day (S. O. 163, Nov. 11, D. Dak.).

The extension of leave granted Capt. Robert D. Read, Jr., is further extended two days (S. O., Nov. 17, H. Q. A.).

## 1st Artillery, Colonel Loomis L. Langdon.

Hdqs., A, G, I, and K, Ft. Hamilton, N. Y. H.; C, D, and L, Ft. Wadsworth, N. Y. H.; E, Ft. Sheridan, Ill. B, H, and M, Ft. Columbus, N. Y. H.; F, Ft. Monroe, Va.—Light battery.

The leave granted Capt. Allyn Capron is extended three days (S. O. 121, Nov. 13, D. Mo.).

## 2nd Artillery, Colonel Richard Ledor.

Hdqs., C, G, and M, Ft. Adams, R. I.; K, Ft. Tremball, Conn.; E, Ft. Proctor, Me.; B and D, Ft. Warren, Mass.; A and F, Ft. Riley, Kas.; I, Ft. Monroe, Va.; H and L, Ft. Snayler, W. V.—Light battery.

Lieut. Arthur W. Chase will conduct 14 military convicts under guard from Fort Columbus to Fort Leavenworth (S. O. 260, Nov. 22, D. East.).

## 3rd Artillery, Colonel La Rhotl L. Livingston.

Hdqs., D, E, I, K, and L, Ft. McPherson, Ga.; C, Washington Bks., D. C.; A and G, Ft. Barranca, Fla.; H, Key West Bks., Fla.; B and M, Ft. Monroe, Va.; F, Ft. Sam Houston, Tex.—Light battery.

The ordinary leave granted Capt. Frank W. Hess is changed to leave on account of sickness, to date from Oct. 24, and is extended as such to include Nov. 7 (S. O., Nov. 20, H. Q. A.).

## 4th Artillery, Colonel Henry W. Closson.

Hdqs., A, G, I, and M, Washington Bks., D. C. H.; C, D, and L, Ft. Adams, R. I.; B, and E, Ft. Warren, Mass.; F, Ft. Riley, Kas.; K, H, and K, Ft. Monroe, Va.—Light battery.

The leave granted 2d Lieut. Henry H. Whitney is extended three days (S. O. 200, Nov. 22, D. East.).

## 5th Artillery, Colonel William M. Graham.

Hdqs., B, D, F, H, K, and L, Presidio of San Francisco, Cal.; M, Ft. Mason, Cal.; A and C, Ft. Canby, Wash.; E and I, Alcatraz Island, Cal.; G, Ft. Monroe, Va.—Light battery.

Leave for ten days, to end not later than Nov. 25, is granted 1st Lieut. George E. Sage (S. O. 108, Nov. 11, D. California.).

S. O. 261, H. Q. A., directing Capt. Edmund L. Zalinski to report to Brig.-Gen. Thomas H. Ruger, president of the Army Retiring Board at San Francisco, Cal., for examination by the board, is revoked, and he will report to Col. Charles H. Tompkins, A. Q. M. G., president of the Army Retiring Board at Governor's Island, New York City, at such time as he may designate, for examination by the board (S. O., Nov. 18, H. Q. A.).

G. O. 21, Dept. California, announces the figure and order of merit in artillery practice of the heavy batteries of the 5th Artillery for 1893. The order of merit in the firing with sea-coast guns was as follows: Battery M (Day), C (Morris), A (Thorpe), K (Hills), B (Zalinski), I (Crabb), E (Vogdes), L (Roberts), H (Fessenden).

## 2nd Infantry, Colonel John C. Bates.

Hdqs., A, B, C, D, E, F, G, H, and I, Ft. Omaha, Neb.—Indian company.

The leave granted 2d Lieut. Peter E. Marquart is extended one month (S. O., Nov. 21, H. Q. A.).

Sergt. John Lyons, Co. G, tried at Fort Omaha for while sergeant of the guard allowing a prisoner to escape, has been "reduced to the grade of a private soldier."

## 4th Infantry, Colonel Robert H. Hall.

Hdqs., A, B, D, E, F, and H, Ft. Sherman, Idaho; G and I, Ft. Spokane, Wash.; C, Boise Barracks, Idaho.

Capt. Charles W. Mason having relinquished the

extension of leave granted him, will proceed to Davis Island, N. Y. H., for duty at that depot (S. O. 250, Nov. 15, Rec. Ser.).

## 5th Infantry, Colonel Nathan W. Osborne.

Hdqs., C and D, St. Francis Bks., Fla.; E and H, Mt. Vernon Bks., Ala.; A, Ft. Leavenworth, Kas.; B and G, Jackson Bks., La.; F, Ft. Sam Houston, Tex.

1st Lieut. S. W. Miller will proceed to Anastasia Island Nov. 16 on public business (Orders 61, Nov. 15, St. Francis Bks.).

Capt. Hobart K. Bailey is detailed member of the G. C. M. at St. Francis Bks., Fla. (S. O. 257, Nov. 18, D. East.).

2d Lieut. Robert W. Rose is detailed as counsel for Pvt. Wm. Dixon, Co. C, 5th Inf., before the G. C. M. at St. Francis Bks. (S. O. 257, Nov. 18, D. East.).

Capt. Frank D. Baldwin, I. S. A. P., Dept. Missouri, will proceed to Fort Reno and Sill, O. T., on public business (S. O. 123, Nov. 18, D. Mo.).

## 6th Infantry, Colonel Melville A. Cochran.

Hdqs., B, C, D, E, F, G and H, Ft. Thomas, Ky.; E, Newport Barracks, Ky.; A, Ft. Wood, N. Y. H.

Leave for seven days is granted Capt. G. B. Walker (Orders 193, Nov. 20, Fort Thomas.).

## 7th Infantry, Colonel Henry C. Merriam.

Hdqs., A, B, C, D, E and F, Ft. Logan, Colo.; G, Camp Pilot Butte, Wyo.; H, Ft. Leavenworth, Kas.

1st Lieut. Maury Nichols is detailed to act as acting Indian agent at the Kiowa Agency, Okla. Ter. (S. O., Nov. 18, H. Q. A.).

## 9th Infantry, Colonel Charles G. Bartlett.

Hdqs., A, B, C, D, E and F, Madison Bks., N. Y.; H, Plattsburgh Bks.; G, Fort Ontario, N. Y.; I, Fort McPherson, Ga.—Indian company.

Capt. Morris C. Foote, having been summoned to appear on Nov. 21 before the District Court of the U. S., at the city of Auburn, N. Y., as a witness in a case pending before that court, is authorized to be absent from his station to obey this summons (S. O. 256, Nov. 17, D. East.).

Capt. Jesse M. Lee, assistant to the Inspector General, Dept. Missouri, will proceed to Fort Reno, O. T., on public business (S. O. 123, Nov. 18, D. Mo.).

## 11th Infantry, Colonel Isaac D. DeRussy.

Hdqs., B, C, E, and G, Whipple Barracks, A. T.; A, and D, San Carlos, A. T.; F, H and I, Fort Apache, A. T.

1st Lieut. Robert J. C. Irvine will, upon the expiration of his present leave, report to the commandant of the U. S. Military Prison, Fort Leavenworth, Kas., for duty at the prison, relieving Capt. Benjamin H. Gilman, 13th Inf., who will join his company (S. O., Nov. 18, H. Q. A.).

## 12th Infantry, Colonel Edwin F. Townsend.

Hdqs., E, and G, Ft. Leavenworth, Kas.; A, F, and H, Ft. Yates, N. D.; B, C, D, and I, Ft. Sully, S. D.; K, Mt. Vernon Bks., Ala.—Indian company.

Capt. Hugh G. Brown, detailed for duty as acting Indian agent at the Kiowa Agency, Okla. Ter., is relieved from such duty and will join his company (S. O., Nov. 18, H. Q. A.).

## 13th Infantry, Colonel Montgomery Bryant.

Hdqs., C, and G, Ft. Sill, Okla. T.; A and D, Fort Reno, O. T.; E and H, Ft. Supply, I. T.; F, Ft. Leavenworth, Kas.

The leave granted Capt. Wm. Auman is extended one month (S. O., Nov. 22, H. Q. A.).

## 14th Infantry, Colonel Thomas M. Anderson.

Hdqs., A, B, C, D, E, and G, Vancouver Bks., Wash.; F, Ft. Townsend, Wash.; H, Ft. Leavenworth, Kas.

1st Lieut. Wm. A. Kimball is relieved from duty at Fort Townsend, Wash., and will report to the C. O. Vancouver Bks., Wash., for duty on expiration of leave granted him (S. O. 212, Nov. 16, D. Columbia.).

## 15th Infantry, Colonel Robert E. A. Crofton.

Hdqs., A, B, C, D, E, F, G and H, Ft. Sheridan, Ill.

Seven days' ordinary leave, in addition to the extension of leave on surgeon's certificate granted him, is granted Capt. Geo. F. Cooke, (then 1st lieut.) (S. O., Nov. 20, H. Q. A.).

## 16th Infantry, Colonel Matthew M. Blunt.

Hdqs., A, B, C, D, E, F, G, H, and I, Ft. Douglas, Utah.—Indian company.

The leave for seven days granted Capt. S. R. Whitall is extended thirteen days (S. O. 44, Nov. 13, D. Colorado.).

## 18th Infantry, Colonel Henry M. Lasell.

Hdqs., A, C, D and H, Fort Bliss, Tex.; B and G, Fort Clark, Tex.; E, Ft. Ringgold, Tex.; F, Ft. McIntosh, Tex.

1st Lieut. C. B. Hardin is detailed as a member of the G. C. M. at Fort Clark, Tex., vice 2d Lieut. F. D. Evans, relieved (S. O. 126, Nov. 16, D. Tex.).

1st Lieut. D. C. Shanks, adjt., is appointed recruiting officer at Fort Bliss, Tex. (new post) (S. O. 126, Nov. 16, D. Tex.).

## 19th Infantry, Colonel Simon Snyder.

Hdqs., A, E, G, and H, Ft. Wayne, Mich.; B, D and F, Ft. Brady, Mich.; C, Ft. Mackinac, Mich.

Leave for 15 days, to take effect about Dec. 20, is granted 2d Lieut. John Howard (S. O. 123, Nov. 18, D. Mo.).

## 20th Infantry, Colonel Elwell S. Otis.

Hdqs., A, B, D, E, F, G, H, and I, Ft. Assiniboine, Mont.; C, Fort Buford, N. D.—Indian company.

The extension of leave granted 2d Lieut. Robert W. Means is further extended six days (S. O., Nov. 16, H. Q. A.).

Capt. James A. Irons will proceed to Columbus Bks., Ohio, not later than Nov. 26, to conduct to the Dept. of Dakota detachments of recruits for the 12th and 23d Infantry, and will then join his regiment (S. O. 255, Nov. 21, Rec. Ser.).

## 22nd Infantry, Colonel Peter T. Swaine.

Hdqs., A, B, C, D, E, F, G, and H, Ft. Keogh, Mont.; E, Ft. Pembina, N. D.

Co. H will relieve B at Camp Merritt, Lame Deer, Mont., B to return to Fort Keogh. The camp is 65 miles from the railroad and telegraph station, and a pretty cold place.

## 24th Infantry, Colonel Zenas R. Bliss.

Hdqs., D, E, F, and G, Ft. Bayard, N. M.; A, B, C and H, Ft. Hancock, A. T.

Sergt. Charles W. Grayson, Co. G, tried at Fort Bayard for sundry offences, including "drunk and disorderly," has been reduced to the ranks, mulcted \$60, and relegated to confinement at hard labor for six months.



Appointments, etc., recorded in the A.-G. O., Nov. 20, 1893.

CASUALTIES.

Post Chaplain Wm. K. Tully, resigned Nov. 17, 1893.  
Corpl. Rudolph Rupp (retired), died Nov. 4, 1893, at Washington, D. C.

Courts-martial.

The following courts have been ordered:

At Fort McIntosh, Tex., Nov. 17. Detail: Capt. T. J. Lloyd, 18th Inf.; E. D. Thomas, 5th Cav., and W. B. Bannister, asst. surg.; 1st Lieut. E. S. Avis, 18th Inf.; 2d Lieut. S. H. Elliott, Powell Clayton, Jr., and J. E. Cusack, 5th Cav., and 1st Lieut. W. R. Almy, adjt., 5th Cav., J. A. (S. O. 125, Nov. 18, D. Tex.)

Boards for Examination.

Capt. James Parker, 4th Cav., and Frank de L. Carrington, 1st Inf., are detailed as members of the examining board convened at the President of San Francisco, Cal., vice Capt. Joseph H. Dorst, 4th Cav., and Frank H. Edmunds, 1st Inf., relieved (S. O. Nov. 17, H. Q. A.).

The following officers will report to Col. Wm. H. Graham, 5th Art., president of the examining board convened at the President of San Francisco, Cal., at such time as they may be required by the board for examination as to their fitness for promotion, and on the conclusion of their examinations will return to their proper stations: 1st Lieut. Wm. B. Reynolds, 14th Inf., and 2d Lieut. Charles H. Meakin, 14th Inf., and Wm. Weigel, 11th Inf. (S. O. Nov. 17, H. Q. A.).

The following officers will report to Lieut. Col. John N. Andrews, 25th Inf., president of the examining board convened at Fort Leavenworth, Kas., for examination as to their fitness for promotion: 2d Lieut. Harry D. Humphrey, 25th Inf., and Harry E. Wilkins, 2d Inf. (S. O. Nov. 17, H. Q. A.).

World's Fair.

The following officers will be relieved from duty pertaining to the World's Columbian Exposition not later than Dec. 1, and will join their proper stations: 1st Lieut. James L. Wilson, 4th Art., and Robert F. Ames, 8th Inf. (S. O. Nov. 20, H. Q. A.).

Torpedo Instruction.

The following officers are detailed at Willets Point, New York, for instruction in torpedo service during the term commencing Dec. 1, and will report for duty accordingly: 1st Lieut. Amos B. Strutt, 25th Inf.; 2d Lieut. James Hamilton, 3d Art.; Joseph C. Fox, 13th Inf.; Isaac C. Jenks, 24th Inf.; John E. Woodward, 16th Inf., and Jas. Ronayne, 19th Inf. (S. O. Nov. 16, H. Q. A.).

(Correspondence of the Army and Navy Journal.)

WEST POINT.

NOVEMBER 22, 1893.

THE announcement that the Princeton 'Varsity team would play the cadets had the effect of attracting to West Point a crowd of spectators numbering about two thousand, and last Saturday afternoon, to witness the closing game of the season to be played here. The visiting team reached the post shortly before 1 o'clock and dined with the cadets in Grant Hall. Time was called at 3 P. M., at which hour the teams lined up as follows:

Princeton.	Position.	West Point.
Brown.....	Left end.....	Nolan
Holly.....	Left tackle.....	Lott
Wheeler.....	Left guard.....	Heidt
Balliett.....	Centre.....	Ames, T. L.
Taylor.....	Right guard.....	Berry
Lea.....	Right tackle.....	Aultman
Trenchard.....	Right end.....	Harrison
King.....	Quarter back.....	Creden
McCormick.....	Left half back.....	Shelton
Morse.....	Right half back.....	Stacy
Allen.....	Full back.....	Duncan

Umpire, Mr. W. S. Cash, Princeton, '89. Referee, Cadet W. H. Mitchell, West Point, '94.  
Princeton—Touchdowns, 7; goals, 4. Total, 36. West Point—Touchdowns, 1; goals, 0. Total, 4.  
The game opened with a line wedge. Princeton started with the ball, and in three minutes McCormick, the left half back of the visiting team, had scored a touchdown, which goal was kicked by Wheeler, Princeton's left guard. West Point then started with the ball on a line wedge. After three downs, Duncan got the ball and kicked it for 25 yards. It was subsequently secured by Princeton, and after several round end plays, Morse, of Princeton, secured a touchdown for his team, and Wheeler kicked goal. The teams again lined up, and started with an oblique wedge. Duncan secured the ball and kicked it 30 yards, Stacy made a run of 25 yards, then West Point 1 at the ball on a fumble. At this point Princeton scored another touchdown (McCormick), but Wheeler failed at goal. Time was called with the score 16-0 in favor of Princeton.

In the second half West Point started with the ball, rushed it for twelve and kicked to Princeton's fifteen yard line. By fine interference and good round end plays Princeton carried the ball to within two yards of West Point's goal, where it was lost on a fumble. Duncan seized it and, aided by Lott's interference, made a run the entire length of the field (about 100 yards), scoring a touchdown for West Point amid deafening shouts and cheers. This, the best play ever witnessed here, or it is believed elsewhere this season, will long be preserved among football reminiscences. Princeton, not to be outdone, secured the ball on four downs, and, by round end interference, pushed it over the goal from the centre of the field (touchdown by Morse, goal by Wheeler). A repetition of this was next effected, and before time was called McCormick had scored still another touchdown for Princeton, as had also Morse, but the last two attempts by Wheeler to kick goal were unsuccessful. Duncan after his superb run, attempted a goal from the field for West Point, but failed. The game was characterized by good humor and the absence of slugging. The friends of both teams wore the colors of the respective colleges—orange and black for Princeton, gray and black for West Point. These colors were chosen by West Point as representing the cadet uniform.

A small cadet hop took place in Grant Hall on Saturday evening. Since the last affair of this kind, a portrait of Col. Wilson has been added to those which adorn the walls of the hall.

The cake sale held at Lieut. Braden's quarters last Thursday afternoon proved a profitable as well as very enjoyable entertainment. The sum of \$36.50 was realized for the benefit of the worthy charity for which the sale was held.

Lieut. Oscar T. Crosby, formerly of the Engineers, resigned; Capt. Eugene Griffin, Engineers, resigned; Lieut. John L. Chamberlin, 1st Art., and Gen. A. Ames, father of Cadet Ames, were among visitors attracted to the post by the football game last Saturday.

The Misses Hawkins are visiting Lieut. and Mrs. Cameron; Miss Garcia is a guest of Mrs. McIntyre; Mrs. Isabel Vogdes has been visiting Miss Berard, and Mrs. W. A. Simpson has been a guest of Mrs. Postlethwaite.

The young ladies of the post and a number of cadets will be guests of Mrs. and Miss Harvey at an "Up Jenkins" party on Saturday evening.

The following extract from the report of the Superintendent of the Military Academy for the year ending Sept. 1, 1893, will prove of interest, it is thought, to all interested in the Academy. As to his taking command of the post on April 1 last, relieving Col. John M. Wilson, Corps of Engineers, the present Superintendent says:

"I found the institution in a state of efficiency as high as any that I have known it to reach." Under the heading "Personnel" the number of officers and instructors on duty

at West Point, Sept. 1, 1893, is given as follows: 8 professors, 1 associate professor, 56 commissioned officers, 1 sword master and 1 teacher of music, a total of 65. The number Sept. 1, '92, was 63. The increase during the year was effected by the assignment of one officer for duty in the department of modern languages, one in the medical department, and one as post commissary, in addition to the number which had previously been found necessary. On Oct. 1, 1892, Capt. E. E. Wood, 8th Cav., was appointed by the President professor of modern languages to succeed Prof. Geo. L. Andrews, who had retired from active service. On March 14, 1893, 1st Lieut. Wright P. Edgerton, 2d Art., was appointed by the President associate professor of mathematics, an office created by act of March 1, '93. In all 16 officers joined and 13 were relieved.

It is recommended that Congress be requested to repeal the law which provides that "hereafter no graduate of the Military Academy shall be assigned or detailed to serve at said Academy as a professor, instructor or assistant to either within four years after his graduation." See report of Prof. Bass, below.

The number of cadets present and absent Sept. 1, '93, was 318, including 3 foreigners receiving instruction by special authority of Congress in each case. The number Sept. 1, '92, was 290, including 2 foreigners. During the year 4 were discharged for disability, 14 for deficiency in studies, 11 resigned and 51 were graduated; while there were admitted in all at the three examinations held in March, June and August, respectively, 106, including 3 foreigners. The results of examinations show clearly that it is not practicable to keep the number of cadets up to the maximum authorized by law, and that there will always be many vacancies. The number now authorized is 371, omitting the foreigners, an excess of 53 above the number actually belonging to the Academy. A moderate increase in the number of cadets authorized by law is accordingly recommended, such, for example, as would be obtained by appointing two at large from each State, to be nominated by the Senators representing the State in Congress.

Academic Department.—In the department of mathematics the appointment of an associate professor is deemed "an improvement in organization which will be of substantial benefit."

In the Department of Modern Languages there has been a rearrangement of time, beginning with the present academic year, by which the study of Spanish is transferred from the 1st to the 3d Class, and the time allotted to the Department for English, French and Spanish is arranged so that but one of these studies shall occupy its attention at a time, instead of English and French alternating with each other, as before. The effect of the rearrangement is to give a more compact course, in which the various studies follow each other in more logical sequence, rendering it possible to accomplish more in a given time than under the old arrangement. Its effect upon the other departments is to leave vacant some 60 recitations in the 1st Class year, to be allotted hereafter between these departments. The Department of Law is the only one headed by a full professor that is not provided with an assistant professor having the pay of captain would recommend that legislation authorizing the appointment of an assistant professor of law be solicited.

The report of Prof. Michie we hope to give in full in regard to the needs of the library, therefore the Superintendent's recommendations on the same subject are omitted here. All that Prof. Michie suggests is indorsed in the report.

Under Health, attention is called to the fact that, as a rule, ailments among the cadets during the year were of minor character and of short duration. In continuation of the policy inaugurated 20 years ago of removing all the old wooden quarters for soldiers' families (known as Lagtown) from the slopes at the northern part of the post, an estimate has been submitted for building new quarters upon high and healthy ground with a view to pulling these down.

It is recommended that the Band be restored to the number of 125, as it had before the reduction of 1877 (one leader of music and 40 enlisted musicians). It is further recommended that the leader receive the rank, pay and emoluments of a 2d Lieutenant of Infantry.

Water Supply.—The necessity of increasing the supply of water for the post has been fully pointed out in the reports of my predecessors. At its last session Congress appropriated \$16,000 for a new reservoir. The indications are that a new reservoir of dam will be required from that upon which the estimates and appropriations were based, and that the sum now available will not be sufficient. The question is receiving careful study and a new estimate will be prepared if necessary. The existing reservoirs may be largely improved by strengthening and raising their dams and cleaning both the reservoirs and their water-sheds. An estimate of \$25,000 has been submitted for that purpose.

The Adjutant of the Academy.—The Adjutant of the Academy is also secretary of the Academic Board and upon occasions of ceremony acts as aide-de-camp to the Superintendent. His duties are at least as important as those of an assistant professor, and they are more onerous, while his personal expenses are greater. It seems but just that the officer holding this position should receive the pay of captain, mounted as in the case of assistant professors. Legislation to that effect is recommended.

Buildings and Grounds.—The new gymnasium building was completed sufficiently for use last autumn, and was occupied Nov. 1, 1892. The building has been thoroughly equipped with modern appliances. It has proved a source of great benefit, as well as pleasure, to the cadets. It is perhaps the most important addition to the equipment of the Academy that has been made for many years. The time for completing the contract for the new academic building has been extended to Sept. 15, 1894, with the condition that all additional expenditures made necessary to the United States by reason of the extension of time are to be deducted from sums due the contractor. The contract is for completing the building without the high clock tower, which formed part of the original design, the funds available not being sufficient to include the tower. The construction of this tower is so important, both as an architectural feature and as a means of displaying prominently the clock that an estimate has been submitted for an additional appropriation for the purpose of building it.

In the cadet barracks new gas fixtures, each consisting of a two-light pendant, besides a sliding drop-light were placed in all the living rooms. With the abundant supply of gas to be provided by the new works, there should be no further complaint of insufficient light.

The battle monument has made but little progress during the year, owing to a strike among the granite workers and unforeseen difficulties in the preparation of the polished shaft.

An extensive and much needed improvement of the road leading south through what was formerly the Kinsley estate has been begun and is now well advanced. It is proposed to place the new set of officers' quarters, for which funds are now available, upon the east side of this road, and thus to inaugurate the extension of the post outward toward the new property. It is proposed also to move the south guard house and gate to a point much further south.

The roads upon the reservation, except upon the post proper, are not in good condition. A beginning has been made toward their amelioration by the purchase this year of a stone crusher. An estimate of \$4,500 for the purchase of a heavy steam roller has been sent in since the regular annual estimates and is recommended to the favorable consideration of Congress.

In conclusion the Superintendent says: "It gives me pleasure to state that I have received the earnest and cordial support of every professor and officer stationed here. They deserve and receive my hearty thanks."

The Superintendent calls attention to the quartermaster's request that the detachment of Army service men be increased from 117 men to 150, and of horses from 37 to 45.

The quartermaster shows in a tabulated statement that he has for work in the Quartermaster's Department only 63 men: Overseers, 6; skilled mechanics, 21; laborers, 18; teamsters, 18. The rest of the men are on special details. Owing to the enlargement of the post a much larger force is required.

In the report of the Treasurer and Commissary of Cadets the proposed new reservoir on the back road is described and \$25,000 asked for improving the other ponds and reservoirs. An appropriation of \$3,000 is asked for quarters for the cadet hospital steward.

Major Harvey, post surgeon, makes his report on the health of the command, in the course of which he says: "Several rather severe casualties happened in outdoor games and in exercise at will in the gymnasium. Football contributed the bulk of such casualties, and in some cases the injuries were of such gravity as to threaten permanent disability, but, happily, in every instance complete recovery ultimately resulted. It is doubtful, in my opinion, if the benefits derived from playing this game, which I am free to acknowledge are very considerable in some directions, are commensurate with the risks it entails to life and limb, which, according to statistics, are much greater than are commonly supposed."

From report of Prof. Bass:  
With a view to increasing the facilities for obtaining the best possible instructors for the academy, I respectfully submit the following resolution for the consideration of the Academic Board:

Resolved, that the Academic Board respectfully recommend to the Honorable Secretary of War the establishment of a rule, giving, as far as possible, to the Military Academy precedence in the details of officers, and the repeal of so much of an act making appropriations for the support of the Military Academy for the fiscal year ending June 30, 1883, and for other purposes as reads, "and hereafter no graduate of the Military Academy shall be assigned or detailed to serve at said academy as a professor, instructor or assistant to either within four years after his graduation." The above resolution was unanimously adopted by the Academic Board at its meeting of Sept. 23, 1893.

In a practice game of football by electric light on the night of Nov. 23, Cadet Springer, 3d Class of New York, sustained a fracture in the left leg. He had but the day before been assigned to the team which is to line up against the Annapolis cadets Dec. 2.

DEPARTMENT NEWS.

Dept. of the East.—Maj.-Gen. O. O. Howard.

Kate Racker, the half-breed Indian who caused so much bother at Fort McPherson, Ga., by selling liquor to the troops, has been taken in charge by the civil authorities and committed to jail.

Department of Texas.—General F. Wheaton.

A despatch from El Paso, referring to a reported revolution in Mexico, says a circular to the following effect has been scattered on both sides of the Rio Grande:

TWENTY FIVE THOUSAND MEN WANTED TO FIGHT.

The undersigned, chief of the revolutionary movement, will pay \$2.50 a day, or \$75 per month, to any individuals that present themselves armed with no less than 100 cartridges, to any of the chiefs commanding in the north of the State of Chihuahua. The chiefs of the north are Citizens Micaire Pacheco and Valente Garcia. Those men mounted, with rifle and pistol, will be paid \$5 per day.

SANTA ANA PEREZ, General-in-Chief of the North.

U. S. troops have been ordered out from Bliss and Hancock to prevent any illegal acts on the U. S. side of the river.

The Express says: The disturbance which Perez and Lopez are kicking up in and around Palomas and Ascension, Mex., may cause the Mexican military authorities annoyance, but it is not probable that the United States will find it necessary to put troops in the field on this side of the border in the vicinity of the outbreak. From the business-like manner in which President Diaz is dealing with the situation it may be inferred that the insurrectionists will be speedily squelched and captured.

A LETTER FROM DR. GATLING.

To the Editor of the Army and Navy Journal:

In the ARMY AND NAVY JOURNAL of Nov. 11, appears an article under the heading "Improved Type of Machine Gun," extolling the Acoles gun, and claiming that it is superior to the Gatling and other machine guns. I wish to say that this so-called Acoles gun is nothing more or less than an old model Gatling gun, with some changes in its feed and mounting, which changes add nothing to its efficiency. The writer of the article referred to says the Acoles gun "in many respects" resembles "the Gatling machine gun." Of course it does—for it is nothing but a Gatling gun, having, as stated, a new feed attachment, and a different style of mounting. For instance: the revolving barrels and locks and all the main and essential parts used in the Gatling gun are used in the so-called Acoles gun, and without such parts there would be no gun at all. If a man should re-publish another's book and add an appendix to it, and change its style of binding and claim it his own book, it would be but a parallel case.

A man is entitled to the fruit of his labor, and to assert a just claim as well as a right. In the year 1861 I first conceived the idea of a machine gun, which has ever since been one of the controlling ideas of my life; and it certainly cannot be regarded as egotism when I express the belief that I am the originator and inventor of the first successful machine gun ever invented. My first patent for the gun which bears my name is dated Nov. 4, 1862, which was long before this man Acoles, who is a native of Australia, came to this country. My second patent for improvements I made in the gun, is dated May 9, 1865. In these two patents are described all the main parts and features of the Gatling Machine or Battery Gun. Since the dates above mentioned I have taken out six other patents (three of which have been issued within the last six months) or new improvements I have made in the gun and its feed. It may be truly said, that the latest model Gatling gun of .30-inch calibre is far superior to all other machine guns in its rapidity of fire and effectiveness, and there is no doubt of its sustaining its high reputation in all competitive trials with all other guns. The improved feed now used in the latest model Gatling gun is simple and positive in its action, and excels any that has been used heretofore. Eighteen of these improved Gatlings have been recently ordered by the U. S. Government, and are now being made at Colt's Armory in Hartford, and are acknowledged to be the most perfect type of machine guns ever made. An electric motor has recently been applied to the improved Gatling, designed for ship use, which enables it to fire at the rate of 2500 shots a minute. The so-called Acoles gun is of English make, and was imported into this country about a year ago, and has but recently been brought to light. R. J. GATLING.

HARTFORD, Nov. 15, 1893.



## PERSONAL ITEMS.

PAYMASTER JOHN F. TARBELL, U. S. N., retired, is at 377 Beacon street, Boston, Mass.

LIEUTENANT J. S. MEIGS, U. S. Navy, and Mrs. Meigs sailed for Genoa Nov. 18 on the steamship *Ems*.

LIEUTENANT W. H. EVERETT, U. S. N., is at the Richmond, H and 17th streets, N. W., Washington, District of Columbia.

DURING his absence in Polar Exploration, the address of Civil Engr. Robert E. Peary, U. S. N., will be 2014 12th street, Washington, D. C.

LIEUTENANT ALBERT G. BERRY, U. S. N., has received a leave of absence from the Secretary of the Navy, and will pass the most of it abroad.

CAPTAIN ROBLEY D. EVANS, U. S. N., has been quite ill for some time at his residence in Washington, but is now well on the way to convalescence.

THE citizens of the District of Columbia propose a fine silver service for the new cruiser *Columbia*, and a popular subscription will soon be started with that object.

MOLLY ELLIOT SEAWELL, the author of a number of stories of the Navy, has prepared for *St. Nicholas* a half-year serial describing the adventures of Decatur and Somers.

CHIEF ENGINEER E. D. ROBEY, U. S. N., has invested quite extensively in Washington real estate, and has lately purchased a fine property on 21st street between N and O.

LIEUTENANT COMMANDER W. C. GIBSON, U. S. N., will, on being relieved from command of the *Fern*, be granted a leave of absence, to be followed by an assignment to a shore station.

CHIEF ENGINEER CHAS. P. HOWELL, U. S. N., completed his examination for promotion to his new grade during the week, and has returned to duty at the New York Navy-yard.

P. A. ENGR. BENNETT, of the Navy, who has been on World's Fair duty since early last spring, will soon resume his desk at the Bureau of Steam Engineering for a short time.

P. A. ENGR. W. M. MCFARLAND, U. S. N., was in New York a part of last week, on duty connected with the business of the Bureau. He returned to his desk on Monday of the present week.

ENSIGN W. B. HOGGATT, U. S. N., has taken up his residence at 1129 14th street, Washington, D. C. His tour of duty in the office of the Judge Advocate General will continue some time longer.

P. A. ENGR. JAMES H. PERRY, U. S. N., was before the Board of Naval Examiners during the week, and passed a very successful examination for promotion to fill the next vacancy which may occur.

THE marriage of Comdr. Wm. H. Whiting, U. S. Navy, to Miss Etta Ah Fong is to take place at Honolulu early in December. Comdr. Whiting has already arrived there.

THE next *Fortnightly Review* will contain an article on "Sea Power: Its Past and Future," by "Autolus," the author of the famous *Independence* *Belge* articles. A portion of the article will be devoted to a study of Capt. Mahan's works.

SURGEON ALEXANDER F. MAGRUDER, U. S. N., late of the cruiser *Boston*, has returned to Washington with Mrs. Magruder, and will spend a part of the coming winter at the Capital. Their children enjoyed their stay in Honolulu very much.

CHAPLAIN A. A. McALLISTER, U. S. N., remains at the Mare Island Navy-yard, and will not leave for some time to come. Mrs. McAllister is quite a favorite among the poor of Vallejo, among whom she has done much good the last few months.

COMMODORE F. M. RAMSAY, does not retire until April 5, 1897, so that in case he takes command of the North Atlantic Station, in April next, as has been surmised, he will still have about a year on the active list after completing that tour of sea duty.

CAPTAIN JOHN PHILIP, U. S. N., was in Washington last week on a short leave of absence, but left for New York Sunday evening. He is very enthusiastic over the New York, and prophesies better results when she gets a little of the builder's stiffness worn down.

Mrs. BENNETT, the wife of P. A. ENGR. F. M. Bennett, U. S. N., has returned from Chicago, where she passed the summer with her husband, and is living with her mother on California avenue, Washington, D. C. Her husband will probably receive sea orders early in the new year.

ASSISTANT ENGINEER GEORGE H. SHEPARD, U. S. Navy, was married Nov. 16, at York, Pa., to Miss Jessie Elizabeth Watt, daughter of Mr. Andrew Watt, a prominent merchant of that city. The ushers were Ensign E. T. Pollock, Asst. Engr. J. H. Rowen and Lieuts. R. H. Lane and E. Theall, U. S. Marine Corps.

P. A. ENGR. and Mrs. WARNER B. BAYLEY, of the Navy, are receiving the congratulations of their friends on the safe arrival, on Nov. 13, of "Warner Baldwin Bayley, Junior." Mrs. Bayley will be remembered as the charming daughter of Gen. Williamson, of Washington.

THE *Chicago Times*, of Nov. 3, says: "Lieut. O. G. Dodge, U. S. N., who has been serving as chief inspector in the Electrical Department of the fair, was the guest of honor last night at a dinner given by his associate inspectors at Kinsley's. Lieut. Dodge leaves for Washington to-morrow, his work at the fair having been completed."

LIEUTENANT A. P. NIBLACK, U. S. N., has so far recovered from the effects of his cruise in the Arctic regions of Bering Sea, that he has been assigned to duty as an assistant to Comdr. Wm. B. Hoff, U. S. N., in the progressing revision of the Signal Books and Codes of the Navy. Lieut. Niblack has embodied some of his ideas on the coal question for the new ships, in papers read before the scientific societies of the Navy.

THE wedding of Miss Ella Bird Warburton to Mr. Clinton Elgin Braine, second son of Rear Admiral D. L. Braine, U. S. N., was quietly celebrated in St. Stephen's Church, New York City, Nov. 22. A wedding breakfast followed at the residence of the bride's mother, at which were present among others Rear Admiral and Mrs. Braine and Col. and Mrs. Langdon.

LIEUTENANT A. J. RUSSELL, 7th U. S. Cavalry, has rejoined at Fort Riley from leave.

CAPTAIN CHARLES W. MASON, 4th U. S. Infantry, is a recent arrival at David's Island, N. Y. H.

THE next retirement for age is that of Col. Charles Page, Assistant Surgeon General, U. S. A., on Dec. 4.

LIEUTENANT J. P. HAINS, 3d U. S. Artillery, returned to Fort Monroe, Va., on Monday, from a short leave.

CAPTAIN ALLYN CAPRON, 1st U. S. Artillery, rejoined at Fort Sheridan, Ill., this week, from a ten days' leave.

LIEUTENANT WILLIAM LASSITER, 1st U. S. Artillery, left Fort Monroe, Nov. 20, on a post leave of seven days.

LIEUTENANT H. L. RIPLEY, 31 U. S. Cavalry, of Gen. Wheaton's staff, is visiting in California, but will shortly return to San Antonio.

MAJOR THOMAS E. ROSE, 16th U. S. Infantry, now on leave from Texas, will spend the winter in the North and will be retired for age on March 12 next.

TROOP L, 1st U. S. Cavalry, at Fort Custer, has recently been depleted by the discharge of Sergeants Plenty Good and Sees with his Ears, and Corporal Bull don't Fall.

LIEUTENANT COLONEL JACOB KLINE, 9th U. S. Infantry, has arrived at Plattsburgh, N. Y., from the West, and will shortly assume command of the post of Plattsburgh Barracks.

QUARTERMASTER GENERAL RICHARD N. BATCHELDER, U. S. A., is a recent guest at the Hoffman House, New York City. Rear Admiral John H. Upshur, U. S. N., at the Clarendon.

MAJOR-GENERAL O. O. HOWARD, U. S. A., returned to Governor's Island early in the week from a short visit to Holyoke, Mass., where he delivered an interesting lecture for the benefit of the Y. M. C. A. of that place.

MAJOR THEODORE SCHWAN, Assistant Adjutant General, U. S. A., has had but a short stay in St. Paul and now goes to Omaha for duty as Adjutant General, Dept. of the Platte. Such are the vicissitudes of army life.

LIEUTENANT JOSEPH R. BINNS, 1st U. S. Infantry, recently commissioned from the ranks, is on a trip to Michigan, thence to Minnesota and Colorado, before joining his regiment at Angel Island, Cal., about the middle of December. While in Colorado he will visit his old regiment, the 7th Infantry, at Fort Logan.

LIEUTENANT THOMAS CRUSE, 6th U. S. Cavalry, is likely to be appointed regimental quartermaster in succession to Lt. John M. Stotenburg, whose tour in the position will expire in a few days. Lieut. Cruse is an officer with an excellent record and an honor graduate of the Infantry and Cavalry School.

THE command of the Department of Columbia became vacant on Friday of this week, Nov. 24, by the retirement of Gen. W. P. Carlin, but will be exercised in the customary manner until a successor is appointed to the distinguished officer who has just celebrated his 64th birthday.

MR. JOHN S. WISE, of New York City, gave a supper on Wednesday evening in honor of Mr. Henry Irving, the famous actor, at which were present among others Gov.-elect McKinley, of Ohio; Prof. Michie and Lieut. Mott, U. S. A., of West Point, and Lieut. Charles G. Treat, A. D. C. to Major-General Howard.

THE marriage of Capt. John Mills, Corps of Engineers, U. S. A., to Miss Mary Raoul, was to take place at Atlanta, Ga., on Nov. 22. It was a quiet wedding, only relatives and a few intimate friends being present. After the ceremony the married couple left on a short tour and then go to New Orleans, where Capt. Mills is stationed.

CAPTAIN H. R. BRINKERHOFF, U. S. A., contributes to a recent number of the *Army and Navy Magazine* a humorous and interesting little sketch showing how Gen. Melange, U. S. Army, obtained his wife. He was to call on a series of young ladies and make his choice; but the very first one, says the General, "gobbled me, sir, gobbled me without even a plain 'excuse me, sir, I want you.'"

THE torpedo class of 1893-1894, soon to be inaugurated at Willets Point, N. Y. H., will consist of Lieut. A. B. Shattuck, from Fort Buford; James Hamilton, from Fort Barrancas; J. C. Fox, from Fort Supply; I. C. Jenks, from Fort Huachuca; J. E. Woodward, from Fort Douglas, and James Ronayne, from Fort Mackinac. Quite a concentration from various points of the compass.

THE *Herald*, in a descriptive article on the "Beautiful Girls of Washington, D. C.," says: "Miss Her-tite in stature—mignonette the French would call her—and a wealth of golden tresses that she wears most becomingly coiled like a crown on her shapely head. Not the least among her many attractions is a sweetly modulated voice. The social branch of the Administration party has not a more brilliant representative."

FORT BARRANCAS, Fla., once more, on Nov. 17, resumed its wonted aspect as a garrisoned post, Batteries A and G, 31 Artillery, arriving on that day from Fort McPherson, Ga., where they went last summer on account of yellow fever at Pensacola. Capt. James Chester, commandant; Capt. R. D. W. S. McNair, G. H. McManus, Robertson Honey and Asst. Surg. R. S. Woodson. Lt. Hamilton's stay, however, will be brief, as he is due at Willets Point Dec. 1.

DR. L. M. MAUS, U. S. A., has reported for duty at Fort Sam Houston, Tex.

CAPTAIN T. W. LORD, U. S. A., is now located at 1026 8th street, N. W., Washington, D. C.

LIEUTENANT COLONEL J. COOPER MCKEE, U. S. A., has removed from Altoona to Butler, Pa.

DR. BENJAMIN F. POPE, U. S. A., has reported for duty as post surgeon at Angel Island, Cal.

CAPTAIN A. B. TAYLOR, U. S. A., has gone abroad. His address is care Drexel, Harjes and Co., Paris, France.

MAJOR JAMES R. ROOHE, U. S. A., who was recently retired, has selected Los Angeles, Cal., as his future home.

GENERAL INNIS N. PALMER, U. S. Army, has returned to Washington and will winter at 2113 O street, N. W.

CAPTAIN RANDOLPH NORWOOD, U. S. A., has returned to his winter home, 106 N. Harvard street, Baltimore, Md.

GENERAL JAMES OAKES, U. S. A., and family, will, as usual, spend the winter in Washington, and is located at the Portland.

LIEUTENANT COLONEL A. T. SMITH, 8th Infantry, on leave, will remain at 378 Warren avenue, Chicago, Ill., until after the holidays.

CAPTAIN T. M. WOODRUFF, 5th Inf., on leave of absence from St. Francis Barracks, Fla., is with his family at the Richmond in Washington.

GENERAL RUGGLES, Adjutant General, U. S. A., has taken the house, 1300 New Hampshire avenue, Washington, D. C., for his future residence.

CAPTAIN O. M. SMITH, U. S. A., during his recent visit to Washington, was a guest of Gen. Stanley, U. S. A., at the Soldiers' Home.

LIEUTENANT W. A. HOLBROOK, U. S. A., formerly A. D. C. on the staff of Gen. D. S. Stanley, has been a guest this week at the Soldiers' Home, Washington, D. C.

LIEUTENANT FRANK TOMPKINS, 7th U. S. Cavalry, has been made the happy father of a son, born at Fort Riley Nov. 20. He has been named Charles Barr Tompkins.

CHAPLAIN W. K. TULLY, U. S. A., duly left the Service by resignation Nov. 17. The predictions in some quarters that the acceptance of the resignation would be rescinded were incorrect.

THE friends of Dr. W. G. Spencer, asst. surg. U. S. Army, who has been some months on sick leave from chronic pneumonia, will regret to learn of a serious relapse in his case. He is seriously ill at Nashville, Tenn.

GENERAL J. B. GORDON, of Georgia, delivered a masterly and effective lecture on "the last days of the Confederacy" at the Brooklyn, N. Y., Tabernacle, on Nov. 17. The lecture was eloquently introduced by the Rev. Dr. Talmage to the very large audience that assembled. Among the guests on the platform was Col. Fred. D. Grant. Both Gen. Gordon and Col. Grant were enthusiastically received by the audience. The reminiscences of the oration were strikingly interesting, the humor keen, and the pathos affecting.

At a banquet given by the Vermont Officers' Reunion Society at the Van Ness House, Burlington, Vt., Nov. 15, Capt. Guy Howard, A. Q. M., U. S. Army, replied in a happy and pleasing manner, to the toast "Our Regular Army and Navy." After demonstrating to his listeners that to hold a commission in the Army or Navy does not always insure a life of ease to the officer in time of peace, Capt. Howard spoke glowingly of the high standard attained by the enlisted man of the Army and bespoke a hearty welcome for the incoming garrison at Fort Ethan Allen.

THE *New York Times* in an article on "Arthur Sherburne Hardy, Poet, Soldier, Novelist, Mathematician, Editor," says: "The author of 'Pasee Rose' is a soldier, civil engineer, and a mathematician. He was a pupil at Amherst for a year, a graduate of West Point, 21 lieutenant of the 31 Art., the Gulf of Mexico—resigned in 1870; Professor of Civil Engineering and Applied Mathematics at Iowa College, a student at the Ponts et Chaussees and the Arts et Metiers in Paris, Professor of Mathematics at Dartmouth. He is now assistant editor of the *Cosmopolitan*."

THE Vancouver Independent says:

Major D. W. Burke has returned to Vancouver Barracks from recruiting duty in New York City and is the guest of Capt. Carpenter. The general Major's friends both at the garrison and in the town are glad to welcome him and his estimable family back at home again. Mrs. C. A. H. McCauley has returned to Portland after an absence of several months in Chicago visiting her parents. Lieut. J. J. Bradley and his delightful wife are the latest newcomers. Lieut. Ripley, 3d Cav., aide-de-camp to Gen. Wheaton, is a recent visitor en route to San Francisco and Southern California. Lt. A. W. Kimball, 14th Inf., lately stationed at Ft. Townsend, has taken up his residence at 52 East 12th street, Portland. Lieut. J. J. Bradley and wife, who have returned from their wedding tour, are now comfortably settled in their quarters at the barracks.

LIEUTENANT F. L. KNUDSON, 8th U. S. Infantry, recently commissioned from the ranks, was married Nov. 14, at Fort Leavenworth, to Miss Gene Caroline Evenson. Chaplain Pierce performed the ceremony. The *Kansas City Times*, referring to the occasion, says:

It was the intention to have the ceremony as private as possible, but it so happened that there is in the Post a bevy of young ladies who were brought up in the 5th Infantry with the bride, and notwithstanding that the parents of the bride occupy a humble position they insisted that they should be present, and witness the marriage. They esteem the bride most highly, and while still small were playmates together. These young ladies are: Miss Celia Miles, daughter of Maj.-Gen. Miles; Miss Owenshine, daughter of Lieut. Col. Owenshine, 15th Inf.; the Misses Baird, daughters of Maj. Baird, Pay Department, U. S. A., and the Misses Randall also attended to show his respect to one of the veterans of the 5th Infantry. The bride is a most accomplished young lady, and is highly esteemed by all who know her. The happy couple will spend some time in the East before joining at Fort Washakie.



COLONEL G. F. TOWLE, U. S. A., is now at Seville, Spain.

GENERAL H. G. THOMAS, U. S. A., is now located at Oklahoma City, Oklahoma.

MAJOR D. N. BASH, U. S. A., retired, is now residing at 118 West 21 street, Elmira, N. Y.

ASSISTANT SURGEON CHAS. WILCOX, U. S. A., has reported for duty at Angel Island, Cal.

COLONEL J. J. UPHAM, U. S. A., is now located for the winter at the Imperial Hotel, N. Y. City.

CAPTAIN J. S. TOMKINS, U. S. Army, has removed from Malden, Mass., to Cambridgeport, Pa.

CAPTAIN G. S. L. WARD, U. S. A., has left New Brighton, N. Y., and is now at the Edicott in N. Y. City.

MAJOR WARREN WEBSTER, U. S. A., has changed his residence from Boston, Mass., to St. Johnsbury, Vermont.

DR P. G. WALES, U. S. Army, has changed station from Fort Bayard, N. M., to Fort McPherson, Atlanta, Ga.

CAPTAIN MORRIS C. FOOTE, 9th U. S. Infantry, of Plattsburgh Bk., paid a short visit to Auburn, New York, this week.

CAPTAIN W. AUMAN, 13th U. S. Infantry, recently at Fort Supply, is at Pottsville, Pa.; his address being 219 Market street.

LIEUTENANT-COLONEL E. W. WHITTEMORE, U. S. Army, will remain for the winter at 213 Wooster street, New Haven, Conn.

CAPTAIN L. A. ABBOTT, U. S. Army, retired, has changed his address from Chicago to the Hotel Windsor at Washington, D. C.

MAJOR HENRY B. FREEMAN, 16th U. S. Infantry, has arrived and entered upon duty as Indian agent at the Osage Agency, Ok. Ter.

LIEUTENANT G. C. SAFFARANS, 6th U. S. Infantry, has rejoined at Fort Thomas, Ky., from a short but pleasant visit to Fostoria, Ohio.

LIEUTENANT AND MRS. F. L. KNUDSEN, 8th U. S. Infantry, are spending a fortnight in Omaha prior to joining at Fort Washakie, Wyo.

DR H. R. TILTON, Lieutenant-Colonel and Surgeon, U. S. Army, has reported at Fort Omaha and taken charge of medical affairs at that station.

MAJOR J. C. MALLERY, Corps of Engineers, U. S. Army, was a guest at a recent dinner given at Lenox, Mass., by Mr. and Mrs. Morris K. Jesup.

CAPTAIN W. R. HALL, Assistant Surgeon, U. S. A., is a recent arrival in San Francisco and has taken charge of the attending surgeon's office in that city.

COLONEL J. M. WILSON, U. S. A., Superintendent of Public Buildings and Grounds, has taken the house at 141 Connecticut avenue, Washington, District of Columbia.

The acquaintances of Miss Pauline Whitney, daughter of the Hon. Wm. C. Whitney, ex-Secretary of the Navy, will be greatly pleased to learn that she is rapidly recovering from a serious attack of illness.

MRS. WALLACE, wife of Capt. W. M. Wallace, 6th U. S. Inf., and Mrs. Frank, wife of Col. R. T. Frank, commandant of the Artillery School, are twin sisters and the likeness between them is said to be remarkable.

COLONEL HORACE JEWETT, 21st U. S. Infantry, expects to leave Fort Niagara, N. Y., about the middle of December to spend until the spring of 1894 on leave. During his absence the post will be in command of Capt. F. H. E. Ebstien, 21st Inf.

CAPTAIN CHARLES KING, U. S. A., contributes the complete novel to *Lippincott's Magazine* for November under the title "Sergeant Croesus." It is like so many of his novels a most interesting story of Army life and Indian fighting in the far West.

OMAHA will part with regret with Col. M. V. Sheridan, U. S. A., and Mrs. Sheridan, whom the fortunes of war now take to St. Paul. They have been residents of Omaha for over four years and have a large circle of warm friends in that city.

A BRONZE life-size statue of Gen. James Shields, of Missouri, hero of two wars and a U. S. Senator from three States (Illinois, Minnesota and Missouri), is now at the Capitol, Washington, to be placed in Statuary Hall between the statues of Lincoln and Hamilton.

THE AZTEC Club of 1847 has lost by death during the past year Gen. Rufus Ingalls, Benjamin Brice and F. T. Dent, Col. H. M. Black, Gen. P. G. T. Beauregard, John M. Brannan and Peter V. Hagner and Rear Admiral T. A. Jenkins and Lieut. F. D. Rucker.

LIEUTENANT-COLONEL ALBERT HARTSUFF, Deputy Surgeon General, U. S. A., has now got comfortably settled down in San Francisco as Medical Director at Gen. Ruger's headquarters. His predecessor, Col. Joseph R. Smith, has left San Francisco for the East and was expected to arrive in New York City this week preparatory to duty at Governor's Island.

THE marriage of Major P. D. Vroom, Inspector-General, U. S. A., to Miss Margaret Wood, daughter of Capt. Palmer G. Wood, 12th U. S. Inf., was announced to take place on Thursday of this week, Nov. 23, at Fort Leavenworth. The great popularity of the young lady, and the gallant officer of her choice, ensures an unusually interesting and brilliant wedding.

MAJOR JOHN BROOKE, Surgeon, U. S. A. recently ordered from Fort Leavenworth to Philadelphia, was complimented before leaving by the commandant, Col. E. F. Townsend, 12th Infantry, in an official order, expressive of his high appreciation of the faithful and valuable services rendered by him during his term of duty as medical officer of the Post, as well as instructor in the United States Infantry and Cavalry School. Col. Townsend parts with him with great regret, both personally and officially.

SURGEON J. BROOKE, U. S. A., is at Ranor, Pa.

LIEUTENANT W. YATES, 1st U. S. Cavalry, has left Fort Grant for Fort Yates.

MR. W. H. JAMES, of the Bethlehem Iron Works, went to Europe, Nov. 20, for a short rest.

COLONEL C. L. BEST, U. S. Army, retired, has returned to his home, 55 E. 67th street, N. Y. City.

LIEUTENANT G. R. BURNETT, U. S. A., retired, has removed from Malvern, Pa., to Upper Alton, Ill.

COLONEL C. C. GILBERT, U. S. Army, has left Chicago and will spend the winter at New Orleans, La.

LIEUTENANT S. S. JORDAN, 5th U. S. Art., and Mrs. Jordan have joined at Ft. Mason, Cal., from the East.

LIEUTENANT-COLONEL EDMOND BUTLER, U. S. A., retired, has left Miles City, Mont., and is now at Omaha.

COLONEL J. H. JANEWAY, U. S. A., will spend the winter in New York City with quarters at 115 East 18th street.

THE address of Col. W. H. Ludlow, Corps of Engineers, U. S. A., is now care U. S. Embassy, London, England.

GENERAL D. W. FLAGLER, U. S. A., Chief of Ordnance, has taken a suite of rooms at the Everett, Washington, D. C.

CAPTAIN C. A. JOHNSON, U. S. A., has left Binghamton, N. Y., and now resides at 1824 Q street, Washington, D. C.

COLONEL W. S. KING, U. S. A., has returned to his home, 4042 Chestnut street, Philadelphia, from Asbury Park, N. J.

CAPTAIN C. E. CLARKE, U. S. Army, retired, has taken quarters for the winter at 218 New Jersey avenue, Washington, D. C.

CAPTAIN D. MONAHAN, U. S. Army, retired, has changed his residence from Greeley, Colo., to 1411 Corona street, Denver, Colo.

COLONEL R. P. HUGHES, Inspector General, U. S. Army, is a recent visitor at Columbus Barracks, Ohio, on special inspection service.

MAJOR T. C. LERO, 6th U. S. Cav., on leave since September last from Ft. Niobrara, is quartered at 299 West 40th street, New York City.

LIEUTENANT E. H. BROWNE, R. Q. M., 4th U. S. Inf., who has been visiting at Almont, Mich., will shortly rejoin at Ft. Sherman, Idaho.

CAPTAIN T. M. McDUGALL, U. S. A., retired, has left Harper's Ferry, W. Va., for Washington, D. C., where his address is 627 F street, N. W.

COLONEL CHAS. G. BARTLETT, 9th U. S. Inf., passed through New York this week on his way back from Atlanta, Ga., to Saokett's Harbor, N. Y.

LIEUTENANT J. S. PARKE, 21st U. S. Inf., on leave at Portland, Oregon, is expected to join Ebstien's company at Ft. Niagara about New Year's.

CAPTAIN E. L. ZALINSKI drilled the dynamite gun crew of the *Nithery*, formerly *El Cid*, before her departure from New York during the past week.

LIEUTENANT J. L. WILSON, 4th U. S. Art., after a pleasant tour in Chicago at the World's Fair will, in a few days, join Leary's battery at Ft. McHenry.

A COMMUNICATION signed James H. Teller, in the *Chicago Tribune*, has something to say in defence of the record of Capt. Hedberg, who was shot at Fort Sheridan.

LIEUTENANT J. H. GUSTIN, 14th U. S. Inf., whose promotion to captain and then retirement is awaited, has taken his residence for the winter at Denver, Colorado.

GENERAL PHILIP ST. GEORGE COOKE, U. S. A., is located for the winter at 562 Jefferson avenue, Detroit. The veteran officer was born June 13, 1806, in Leesburg, Va.

LIEUTENANT F. L. KNUDSEN, 8th U. S. Inf., recently promoted from the ranks, has been presented with a handsome sword and belt by Co. F, 13th Inf., his former company.

CAPTAIN H. K. BAILEY and Lieut. T. E. Rose, 5th U. S. Inf., of Mt. Vernon Barracks, Ala., were expected in St. Augustine, Fla., the latter part of this week on a short visit.

LIEUTENANT R. J. C. IRVINE, 11th U. S. Infantry, was in Chicago, Ill., Nov. 18, about to start for Augusta, Ga. He will be at San Carlos, Ariz., about the middle of December.

AMONG recent visitors in New York City are Lt. W. H. H. Chapman, 20th Inf., Murray Hill Hotel; Lieut. R. A. Brown, 4th Cav., and Mrs. Brown, Hoffman House; Maj. C. T. Greene, Continental Hotel.

SECRETARY OF THE NAVY HERBERT and Miss Herbert attended the marriage at Bloomington, Ill., Nov. 21, of Mr. Lewis Stevenson, only son of the vice-President of the United States, to Miss Helen Louise Davis.

WE learn that a Military School in the South desires the services of a retired officer of the Army as a military instructor, and we shall be pleased to put any such officer desiring the position in communication with the parties concerned.

LIEUTENANT-COLONEL DAINGERFIELD PARKER, 13th U. S. Infantry, who was recently performing arduous duties as commandant of the troops operating in the Cherokee Strip, has returned to Fort Supply after a brief recreation and a visit to Chicago.

LIEUTENANT DAVID L. BRAINARD, 2d U. S. Cav., arrived in Boston, Mass., Nov. 20, from New Mexico on a brief leave. Lieut. Brainard, it will be remembered, was the second in command of the Greeley Arctic expedition, and was the companion of Lieut. Lookwood, now dead, when the highest point north ever reached by man was made.

LIEUTENANT COLONEL A. J. DALLAS, U. S. A., will spend the winter at Orlando, Fla.

LIEUTENANT PIERRE MARQUANT, 21 U. S. Infantry, and bride are visiting relatives in the East.

CAPTAIN J. B. RODMAN, 20th U. S. Infantry, has rejoined at Fort Assiniboine from a pleasant visit spent in the East.

MAJOR W. H. HAMNER, Paymaster, U. S. A., after a short stay at San Antonio, will shortly change his office to Fort Brown.

LIEUTENANT J. A. MANEY, 15th U. S. Infantry, of Fort Sheridan, has resigned the position of regimental quartermaster.

CAPTAIN R. E. THOMPSON, Signal Corps, U. S. A., is bidding farewell to friends in Chicago, preparatory to starting for San Antonio.

LIEUTENANT-COLONEL JACOB KLINE, 9th U. S. Infantry, made a short visit to friends in New York City and at Governor's Island this week.

WE regret to learn that the *High Private*, published at Fort Assiniboine, under the editorship of Chaplain Bateman, has succumbed to the inevitable and passed into history.

COLONEL J. V. D. MIDDLETON, Medical Department, U. S. A., and Mrs. Middleton, who have been making a round of visits in the East, are expected shortly to return to San Francisco.

LIEUTENANT J. L. SEBON, 20th U. S. Infantry, and Mrs. Sebon have returned to Fort Assiniboine from a year's residence at Rock Island Arsenal, where Lieut. Sebon was on special duty.

THE Court-martial at Fort Reno for the trial of Captain D. F. Stiles, U. S. A., is drawing to a conclusion. Lieut. C. J. T. Clarke, of Capt. Stiles' old regiment, the 10th Infantry, has been acting as his counsel.

COUNT R. PIOLO CASELLI, of the Italian Army with Chevalliers Greco and Passina, visited Ft. Leavenworth recently and gave an exhibition in the assembly room to the officers of the command of their skill in the use of foil and sabre.

LIEUTENANTS W. C. BENNETT and G. C. Saffarans, 6th U. S. Infantry, with a detachment, went Nov. 21, to the Fort Thomas, Ky., rifle range, about twelve miles from the post, to prepare a permanent camping ground for the troops during the rifle practice season.

LIEUTENANT JAMES A. MANEY, 15th Infantry, has been relieved from duty as regimental quartermaster at Fort Sheridan and ordered home to await the action of the civil authorities in the case against him for killing Capt. Hedberg. This action was taken with the approval of the War Department.

CAPTAIN H. W. HUBBELL, 1st U. S. Artillery, for some time past on regimental recruiting duty at Jersey City, will close his office there in a few days and rejoin his battery at Fort Wadsworth, the regiment being at present up to its authorized strength.

CAPTAIN E. L. ZALINSKI, 5th U. S. Artillery, who left San Francisco for the East before the orders for his examination by the Retiring Board in that city were received, will now be examined by the Retiring Board at Governor's Island, presided over by Gen. Charles H. Tompkins, U. S. Army.

MAJOR THEODORE W. GREIG, a gallant officer of New York Volunteers during the war, at one time or Gen. Hancock's staff, after the war for a while in a clerical position at Gen. Hancock's headquarters in New York City, and for several terms adjutant of Lafayette Post, G. A. R., New York, died Nov. 17, in the 51st year of his age.

A FORT ASSINIBOINE correspondent says: "Lieutenant F. D. Sharp, 20th U. S. Infantry, may be detailed as acting Indian agent at one of the most important agencies in the Rocky Mountain region. While it is known that he is not hunting a job of that kind, it is known that he could conduct the affairs of an Indian Agency with signal ability and good judgment. He is a capable officer wherever placed."

THE wedding of Miss Adelaide Ewen, only daughter of Major Clarence Ewen, Surgeon, U. S. A., to Lieut. Edward D. Anderson, 4th U. S. Cavalry, will take place the latter part of December next. Miss Ewen is a girl of much culture and education, is very accomplished, and, although not yet out in society, has been very much admired. Lieut. Anderson is one of the bright young officers of the Army who has made hosts of friends the short time he has been in the Service.

MISS LIZETTE PAGE, daughter of Col. Charles Page, Assistant Surgeon General, whose residence at Governor's Island is fast drawing to a close, was tendered a hop by the officers and ladies of Governor's Island on Tuesday evening of this week as a farewell. It was a most pleasant affair, the young lady being very popular, and was numerously attended, among those present being Mrs. Carey, Mrs. Tompkins, Capt. and Mrs. Fisher, Lieut. and Mrs. Lewis, Capt. and Mrs. Kingsbury, Mr. and Mrs. Thom, the Misses Page, Haskin, Garrard, Comly, Hawley, and Keefer, Mrs. Weir, Mrs. Rodenbough, Mrs. Ward, Mrs. Heath, Mrs. Goodwin, Mrs. Brewerton, Mrs. Ayres, Mrs. Hebb, Mrs. Pennington, Capt. Cotton, Lieut. Treat, Macdonald, Rafferty, Webster, etc.

THE search for the missing party of hunters, of which a son of Gen. W. P. Carlin was one, is being actively pursued. Capt. Boutelle and Asst. Surg. Carter are out from Vancouver Bk., with one of the searching parties, and Lieuts. Overton and Martin and Capt. Merriam and Andrews have gone into the Bitter Root Mountains in Idaho with detachments from Forts Walla Walla and Missoula. Two more parties were also sent into the Bitter Root mountains under Lieutenant Elliott, of Spokane, and Lieutenant Voorhees, of Fort Walla Walla. A despatch of Nov. 22 says: Friends of Gen. Carlin are confident that his son is still alive and believe the party will have no difficulty in maintaining a camp throughout the winter, subsisting on the game which is known to be abundant in the wilderness.



## THE NEW DRILL AND GUARD MANUAL.

QUESTIONS AS TO THEIR INTERPRETATION ANSWERED.

For previous answers, see *Infantry Drill Regulations with addenda published by the Army and Navy Journal*.

"H. J. M."

A ten company regiment after dividing it into two battalions of five companies each, to conform to the new Drill Regulations, elect an additional major; shortly after the colonel resigns, and another major is elected to fill the vacancy caused by the promotion of the other field officer. Should not the junior major now become the senior and move with his battalion to the right of the line, and the first battalion become the second? Ans.—See par. 371, sixth to eleventh lines.

"N. G. S. M."

A company having formed left front into line at port arms and being halted, do the men dress as provided in Drill Regulations, or do they remain at port arms without dressing? Ans.—They dress.

"J. W. P."

Par. 609. Does the reviewing officer return the salutes of the three battalion majors in the review of a regiment? Ans.—Yes. Par. 692 reads, "in saluting, they turn the head and look toward the reviewing officer." For how long, six paces or twelve paces? Ans.—Twelve paces.

"C. J. C., Jr."

1. Pieces being at a position of "Draw, cartridge," I am of opinion that they should be brought to an "order" before executing any other exercise in the Manual of Arms, since that is the only position prescribed from position of "load," which is identical with that of "Draw, cartridge." Also, that it is allowable to execute the "order" by the numbers (see par. 82). 2. Being at "accuse," "trail," "sling," or "left shoulder," I am of opinion that it is not allowable to come to "order," "carry," or any other position by the numbers, as I do not find this prescribed, and consequently it is prohibited by the concluding paragraph of the order promulgating the Drill Regulations. And besides, it would be in violation of the spirit of par. 106. Ans.—Opinion on both points is considered correct.

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## CAPTAIN NATHAN HALE.

The ceremonies attending the unveiling of the statue to Capt. Nathan Hale in City Hall Park, New York City, on Nov. 25, "Evacuation Day," are to be particularly impressive. Major Henry Chauncey, Jr., is to act as Grand Marshal, and the order of parade is as follows:

1st U. S. Artillery Band. The following troops under command of Col. Loomis L. Langdon, U. S. Army, viz.: U. S. Battalion of Engineers, under command of Capt. Wm. M. Black, U. S. A.; ten batteries of the 1st U. S. Artillery; two batteries of the 2d U. S. Artillery; Co. A, 6th U. S. Infantry; Old Guard, in command of Major Thomas E. Sloan; Naval Brigade, under command of Capt. R. H. Wallace, U. S. N.; Lieut. T. B. M. Mason, U. S. N., brigade adjutant; 1st Battalion U. S. Marines; 2d Battalion U. S. Seamen, U. S. S. *New York* and *Machias*; 3d Battalion U. S. Seamen, U. S. S. *New York* and *Miantonomoh*; 7th Regiment Band; president and officers New York Society Sons of the Revolution; officers of the General Society; representatives from the Society of the Cincinnati, Society of the War of 1812, Aztec Society of the Mexican War and Military Order of the Loyal Legion; delegations from other State societies; Washington Continental Guard, under command of Capt. John G. Norman, and Sons of the Revolution, New York Society.

The exercises at the statue include music by the 1st U. S. Artillery Band and an address by Maj. Gen. O. O. Howard, U. S. A. The committee on monument is Wm. Gaston Hamilton, chairman; Frederick Samuel Tallmadge, ex-officio; Geo. Clinton Genet, Henry Wyckoff Le Roy, John Clarkson Jay, M. D., Francis Lathrop, Robt. Lenox Belknap, and James Mortimer Montgomery, treasurer; and on parade: Maj. Chas. H. Whipple, U. S. A., chairman; Capt. Alexander Macomb Wetherill, U. S. A.; Henry Chauncey, Jr., John Jackson Riker, W. Gayer Dominick, John Butterfield Holland and Albert Delafield.

## MEDICAL RANK AND TITLE.

To the Editor of the Army and Navy Journal:

It is to me, and must be to many others, a source of surprise to note by your editorial comment in the JOURNAL of Nov. 18, that our Army is "passing through its little agitation on the question of combatant titles and a more strictly military status for its medical officers." That question, Mr. Editor, so far as the U. S. Army is concerned, is ancient history. The officers of our Medical Department have all the legal right to combatant titles that it is possible for the national law-making power to give them, and a military status that is entirely satisfactory to them. There has been a failure in some quarters to acknowledge this fact. But that is quite natural and to be expected, as there has never been a departure from precedent in the history of the world, no matter how great an improvement it was on the pre-existing order of things, or how great the wrong it redressed, that has not had its opponents, animated by prejudice, self interest or honest ignorance. So far as this special question is concerned the recalcitrant ones are falling in line, and in course of time peace will reign in Warsaw.

Whether the law, clothing medical officers with actual rank, will eventually impair their efficiency or not remains to be seen. It has certainly not done so during the twenty years it has been in operation. On the contrary it appears to have had directly the opposite effect by attracting the best medical graduates into the department and by adding to the dignity, activity and general usefulness of those already in the Service.

There can be no fair difference of opinion concerning the official status of Army medical officers as to rank and title, but there is wide room for a difference of opinion as to which is the more appropriate to accord them in social life, their military or their professional title. As that appears to me after all to be but the shadow of the substance, the choice might with perfect consistency be left to the medical

officer himself. It has always seemed to me, however, that the appellation expressing concretely the reason of his being, his function and duty, the ancient and honorable title of Doctor, was the one to be preferred. It may be argued that this title has been belittled by unworthy usage, but the same may be said of all titles expressing rank or distinction. A rogue may wear the livery of heaven to serve the devil in. The sole point it seems to me is to wear the livery honorably. P. F. HARVEY.

West Point, N. Y., Nov. 21, 1893.

## FROM THE ASIATIC STATION.

UNDER date of Yokohama, Oct. 27, the date upon which he relinquishes command of the Asiatic Station, Rear Admiral Irwin has reported to the Navy Department the following location of the ships of that squadron:

Flagship *Lancaster*, at Yokohama, *Marion*, at Yokohama; *Concord*, left Saigon Oct. 25, for Hong Kong; *Monocacy*, at Shanghai; *Petrel*, arrived at Hakodati, Japan, Oct. 27. He also reports the following changes in the personnel of the squadron: Lieut. J. Garvin was detached from the *Monocacy* on Sept. 26, and ordered to the Shanghai General Hospital and on Oct. 4 was ordered home; Lieut. F. H. Lefavor has been detached from the *Lancaster* and ordered to the *Monocacy*; Comdr. T. M. Barber was relieved from command of the *Monocacy* on Oct. 11, when Comdr. R. E. Impey assumed command of that ship; Ensign E. W. Eberle detached from the *Lancaster* and ordered to the *Marion*, and Ensign A. B. Hoff from the *Marion* and ordered to the *Lancaster*.

Upon Rear Admiral Irwin's departure Capt. A. H. McCormick, of the *Lancaster*, assumed command of the station until the arrival of Commo. Skerrett. The health of the squadron remains good.

## AFFAIRS AT RIO.

A CIPHER telegram received by the Navy Department from Capt. Pickens, Nov. 17, from Rio de Janeiro, is as follows:

Naval representatives of eight nations, including our nation, have decided not to permit munitions of war to be landed at Rio. Santos being still in possession of the Brazilian Government and connected with Rio Janeiro by railway, munitions of war can be landed at Santos.

Yesterday insurgents dressed ship. The Brazilian Government forts fired a national salute in honor of the anniversary of the establishment of the republic.

The interpretation put upon this despatch is that the naval representatives at Rio have decided that there shall be no interference with commerce, and have formally notified the insurgent admiral that they will prevent it.

The restriction thus imposed as to the landing of munitions of war treats both sides alike, but the advantage is with the existing Government, by reason of its connection with Santos. Admiral Mello could, of course, get his supplies by water, provided the vessels carrying them could successfully pass the Government forts down the bay below the insurgent fleet.

In decorating their vessels it would look as if the insurgents, if they were honest, were endeavoring to outdo the loyal forts in evidences of loyalty. This act is construed by officials here to indicate that Mello does not think the present at least is a propitious time to espouse the cause of a monarchy.

Under date of Oct. 20, Capt. Pickens reports to the Navy Department concerning the October military operations in Rio Harbor, of which we have already had accounts.

A despatch from Rio via London on Nov. 23, announces the sinking of the insurgent war ship *Javary*, by a battery at Niteroio belonging to the Government forces. The crew of the *Javary*, it is also reported, went down with the ship, which is said to be the second best vessel in Mello's command.

The *Javary* is described as an iron turret ship of 3,640 tons displacement. She was 240 feet long, 58 feet beam and drew 11 feet 4 inches of water. Her engines were 2,500 horse power. She carried four 21-ton guns, besides an auxiliary battery.

## RECENT DEATHS.

JEREMIAH McLAIN RUSK, ex-Governor of Wisconsin, ex-Secretary of Agriculture, and a gallant officer of Wisconsin troops during the war, died Nov. 21 at Viroqua, Wis.

MAJOR W. H. HOSACK, late Col. Lee's clerk at headquarters, Dept. Columbia, committed suicide at Los Angeles last Wednesday. He was an able officer in the War of the Rebellion. His wife is with her sister at Wheeling, Va.—*Vancouver Independent*.

Mrs. MARION TWIGGS MYERS, daughter of the late Maj.-Gen. David Emanuel Twigg, died suddenly in Alexandria, Va., Nov. 12, at the residence of her son-in-law, A. C. Chalmers. Mrs. Myers's husband was a South Carolinian, and was graduated from West Point in the class of '32. After a few years of service in the line he was made a captain and assistant quartermaster. He distinguished himself in Mexico, receiving the brevet of major for distinguished service at La Palma and that of lieutenant-colonel for gallantry at Chepultepec. He resigned in 1861, joined the Confederate service, and died June 20, 1869.

The death of James Gerald Irwin, of Newark, N. J., brother of Col. B. J. D. Irwin, U. S. A., took place Nov. 5 at his residence in that city, and caused profound regret to a large circle of relatives and friends. Mr. Irwin resided in Newark 36 years and married in 1858 Elizabeth M. Hargan, of that city, who died in 1885, by whom there were six children, five of whom survive their parents. He was engaged in manufacturing, and held from time to time responsible elective positions, being president of the Board of City Tax Commissioners, City Alderman, and member of the State Legislature during several terms. In the discharge of his duties he won the esteem of his fellow citizens, without distinction of party, and left an unblemished reputation. Of a gentle, retiring disposition, he was esteemed for his many virtues and his culture and literary attainments. During his earlier years he was an enthusiastic National Guardsman, and served as a member of Brooklyn's famous light guard.

## THE NAVY.

HILARY A. HERBERT, Secretary of the Navy.

WILLIAM McADOO, Assistant Secretary.

## NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

N. Atlantic Station.—R.—Adml. A. E. K. Benham.

SAN FRANCISCO, flagship, 2d rate, 12 guns, Captain J. C. Watson. Arrived at Port Limon Nov. 16.

Has visited several ports in the Caribbean Sea during the early part of her winter cruise in the West Indies. The first port touched after leaving Key West was Georgetown, Grand Cayman Island. On Nov. 2 the *San Francisco* left Grand Cayman Island bound for Old Providence Island and arrived Nov. 4. On Nov. 6 the *San Francisco* left Old Providence for St. Andrew's Island, and on Nov. 7, after a stay of a day at the latter place, the ship got under way and before nightfall was anchored off Great Corn Island, ninety miles to the westward. On Nov. 10 the *San Francisco* left Great Corn Island and made the run over to Bluefields, Nicaragua, from which the ship was to go to Greytown in a few days. The crew of the *San Francisco* were reported in excellent health.

MIANTONOMOH, monitor, 2d rate, 4 guns, Captain R. R. Wallace, comdg. At New York. Went to Gardiner's Bay for gun practice Nov. 23.

VESUVIUS, 4th rate, 8 guns, dynamite cruiser, Lt.-Comdr. Frank Courtis comdg. At Boston.

KEARSARGE, 3d rate, 7 guns, Comdr. O. F. Heyerman.

The *Kearsarge* will sail from New York on Wednesday next for her winter's cruise in the West Indies. She is now at the New York Navy-yard and will sail as soon as some repairs to the distilling apparatus have been completed. Her objective point will be Port au Prince, Hayti.

MACHIAS, 8 guns, Commander Charles J. Train. At Navy-yard, New York, undergoing changes and repairs preparatory to a voyage to China.

European Station.—A.—R.—Adml. Henry Erben.

Address all mail matter care of B. F. Stevens, Esq., 4 Trafalgar Square, London E.C.

CHICAGO, 2d rate, 14 guns, flagship, Capt. A. T. Mahan. Arrived at Genoa, Italy, Nov. 16.

BENNINGTON, 3d rate, 6 guns, Commander C. M. Thomas. Arrived at Genoa Nov. 16.

S. Atl. Station.—Captain H. E. Pickens in temporary command.

Send mail "Care U. S. Consul, Montevideo, Uruguay, or care of B. F. Stevens, 4 Trafalgar Square, London."

CHARLESTON, 3d rate, 8 guns, Captain Henry F. Pickens. At Rio de Janeiro. She will be detained on the Brazilian Coast until troubles are over and will then resume her voyage to Callao.

DETROIT, 10 guns, Comdr. W. H. Brownson. At Rio de Janeiro, Brazil.

NEWARK, flagship, 2d rate, 13 guns, Captain S. W. Terry. At Rio de Janeiro, Brazil.

YANTIO, 4th rate, 4 guns, Lieut.-Comdr. Seth M. Ackley. At Montevideo Nov. 16.

Pacific Station.—Rear Admiral John Irwin (ordered).

Address all mail to Navy Pay Office, San Francisco, Ca. unless otherwise noted.

ADAMS, 3d rate, Comdr. Thomas Nelson. At Honolulu, H. I., Nov. 16.

ALLIANCE, 3d rate, 6 guns, Comdr. T. A. Lyons. At Corinto Nov. 16, and will soon be relieved by the *Ranger*.

THETIS, 3d rate, 3 machine guns, Lieut. Comdr. C. T. Hutchins. Engaged in survey work on the coast of Lower California.

MONTEREY.—Coast defence vessel, 4 guns, Capt. Louis Kempff, comdg. At Navy-yard, Mare Island, Cal.

PHILADELPHIA, flagship, 2d rate, 13 guns, Capt. A. S. Barker. At Honolulu Nov. 16.

YORKTOWN, 3d rate, 6 guns, Commander P. F. Harrington. At Callao, where she will remain until further orders.

MOHICAN, 3d rate, 10 guns, Comdr. Nicoll Ludlow. At Mare Island, Cal. Expected to sail to San Salvador. Comdr. C. E. Clark will command Nov. 30.

PINTA, 4th rate, 4 howitzers, Lieut.-Comdr. W. T. Burwell. At Sitka, Alaska, at last accounts.

RANGER, 3d rate, Commander E. Longnecker. At Mare Island, Cal. Will be ordered to relieve the *Alliance* at Corinto, Guatemala.

Asiatic Station.—Acting Rear Admiral Jos. S. Skerrett (ordered). Captain J. H. McCormick in temporary command.

Address all mail Yokohama, Japan.

LANCASTER, 2d rate, 10 guns, Capt. A. H. McCormick. Was at Yokohama, Japan, Sept. 3. Will be relieved by the *Baltimore* and will proceed via Cape Good Hope to New York, where she should arrive about March 1 next. Will later be assigned to the training service.

A correspondent writing from Yokohama, Japan, Oct. 27, says: A cablegram has been received on board ship saying that orders have been issued for the *Lancaster* to return to New York via Cape Town. Rear Admiral Irwin has just hailed down his flag aboard this ship. He leaves for Honolulu to-morrow. It is the general opinion of all that no American admiral has ever had a finer send-off. He went directly from the ship to the mail steamer, his barge being manned by the officers of the *Marion* and *Lancaster*, with Comdr. Gridley as coxswain. He has been entertained ashore and aloft and the steamer that bears him away will be followed by a host of friends until out of sight of this harbor.

MONOCACY, 3d rate, 6 guns, Comdr. R. E. Impey. At Shanghai Sept. 7.



**MARION**, flagship, 3d rate, 8 guns. Comdr. C. V. Gridley. At Yokohama. Will soon be ordered home.

**PETREL**, 4th rate, 4 guns. Lieut.-Comdr. J. H. Dayton. Left Bering Sea October 3, for Alaska, where she has been detained by order of the Navy Department.

**BALTIMORE**, flagship, 3d rate, 10 guns. Capt. W. R. Bridgman. Ordered to China as flagship of the Asiatic Station via Suez Canal. Left Port Said for Colombo Nov. 7. The following is the itinerary of her cruise:

Leave.	Arrive.
Colombo. .... Nov. 21	Singapore. .... Nov. 29
Singapore. .... Dec. 6	Hong Kong. .... Dec. 13

**CONCORD**, 3d rate, 6 guns. Comdr. C. F. Goodrich. At Hong Kong, China, Nov. 5.

#### Apprentice Training Squadron.

**PORTSMOUTH**, 13 guns. Comdr. C. J. Barclay. At New York, where she will be fitted out for winter's cruise.

**RIORHOND**, 3d rate, 14 guns. Capt. F. M. Bunde. At Newport, R. I. (Receiving ship for boys). Will be relieved by the *Essex*, and in turn will relieve the *St. Louis* at Philadelphia.

**MINNESOTA**, 19 guns. Receiving ship for boys. Comdr. E. M. Shepard. At dock foot of West 50th street, N. Y. City. P. O. Station G. New York.

**MONONGAHELA**, Comdr. Francis W. Dickens. Sailed for Newport, R. I., from Funchal, Oct. 25.

#### Special Service or Awaiting Assignment.

**BANCROFT**, practice cruiser, Commander C. M. Custer. At Annapolis, Md.

**CUSHING**, torpedo boat, Lieut. F. F. Fletcher commanding. At New York at last accounts.

**DOLPHIN**, 3d rate, despatch boat, 2 guns. Lieut. B. H. Buckingham. At Boston, Mass., Nov. 16, to assist in trial of *Columbia*.

**ENTERPRISE**, 3d rate, 6 guns. Comdr. J. F. Meury. At Boston, Mass. The address of the ship is P. O. Box 2284, Boston.

**FERN**, fourth rate, despatch vessel, Lieut. Comdr. W. C. Gibson. Lieut.-Comdr. Hemphill will be ordered to command.

**MICHIGAN**, 4th rate, 4 guns, (3 howitzers and 3 Gatlings). Lt. Comdr. R. M. Berry. At Chicago.

**NEW YORK**, 1st rate, 18 guns. Capt. J. W. Philip commanding. At New York, to undergo some alterations. Work of fitting out is being expedited with view of sending her to Brazil. Sailing orders have not been issued.

**STILETTO**.—Torpedo Boat. Assigned to duty at Newport, R. I.

**SARATOGA**, Lt. Comdr. E. T. Strong. Nautical schoolship of Pennsylvania. At Philadelphia, where she will remain until ready for the winter's cruise.

**ST. MARY'S**, sails, 8 guns. Comdr. John McGowan, Jr. Public Marine School, New York

#### Receiving Ships, Iron-Clads, Etc.

**DALE**, Comdr. E. S. Houston. Receiving-ship. Navy-yard, Washington, D. C.

**FRANKLIN**, 30 guns, Capt. Merrill Miller. Receiving ship. Navy-yard, Norfolk, Va.

**INDEPENDENCE**, 7 howitzers. Capt. O. S. Cotton. Receiving ship. Navy-yard, Mare Island, Cal.

**ST. LOUIS**, sails, Comdr. O. H. Rockwell. Receiving ship. Navy-yard, League Island, Pa. Will be relieved by the *Essex*.

**VERMONT**, 1 gun. Capt. J. N. Miller. Receiving ship. Navy-yard, New York.

**WABASH**, 20 guns, Capt. Jas. O'Kane. Receiving ship. Navy-yard, Boston, Mass.

The armor-clads *Ajax*, *Catakill*, *Canonius*, *Lehigh*, *Manhasset*, *Manhattan* and *Wyandotte*, in command of Comdr. G. W. Pakenham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

#### VARIOUS NAVAL ITEMS.

**ENGINEER-IN-CHIEF MELVILLE**, is in receipt of many congratulations on the success of the *Columbia*. Detailed experiments will be carried out on the *Columbia*, when she shall have been formally accepted by the Government, looking to the various ways in which her machinery can be used to the best advantage.

The British war ship *Blake* is getting a new armament of six-inch 100 pounder quick firing breech loading rifles. The new guns, it is stated, can throw seven projectiles of 100 pounds per minute, while the old had a capacity of only two projectiles per minute. This will increase the weight of the *Blake*'s broadside per minute from 2,520 pounds to 5,020 pounds of metal.

The United States Light House Board have just published in handy pamphlet form a list of beacons, buoys, and day-marks, in the 5th Light House District, corrected to Aug. 1, 1893, a copy of which will be sent free of charge to any shipmaster on application to the office of the Light House Board, Washington, D. C. The 5th Light House District embraces the sea coast of Virginia and North Carolina, Chesapeake Bay, James River, Potomac River, Hatteras and Ocracoke Inlets, etc.

**LORD CHARLES BERESFORD's** suggestions regarding the system of fitting watertight doors are considered eminently practical. There is no doubt that much of the existing danger from doors being left open would be obviated by his plan of substituting where possible—without interfering with the efficient working of the ship—for the large doors at present adopted, small openings about two feet square out in the upper part of the bulkheads. A certain amount of inconvenience there certainly would be; as, to get from one compartment to another through this opening, it would first be necessary to climb a small ladder and then descend a similar one. But this, it is considered, would be a small price to pay for the greatly increased safety of the ship by probably confining the water admitted by an injury to the ship to a single compartment. It is hoped that there is truth in the report that the *Magnificent* and *Majestic* are to be fitted in this manner.—*United Service Gazette*.

The Haytian war ship *Dessalines* is said to have captured an armed rebel steamer off St. Thomas.

The U. S. S. *Dolphin* arrived Nov. 24 at New York and the *Bennington* sailed Nov. 24 from Genoa for Civita Vecchia, Italy.

**CHIEF ENGINEER G. H. KEARNEY**, U. S. N., is busily engaged in preparing the *Marblehead* for her trials, and is confident that she will set a fresh score for the vessels of her class in both speed and handling.

The record of the Court of Inquiry, which investigated the grounding of the *Machias* off Chatham Banks, Mass., on Oct. 20, has received the approval of the Secretary of the Navy. The court found no one to blame for the accident.

The Board of Trade and Transportation, of New York, on Nov. 22, formally presented to the U. S. cruiser *New York*, at the Navy-yard, two solid silver candleabra, manufactured by the Gorham Mfg. Co., of artistic and nautical design.

**REAR ADMIRAL BELKNAP** reached Washington Nov. 24 and presented to the Department the report of the *Columbia's* trial board. The trial was successful in every way. The official speed of the vessel was 22.8 knots.

Work on the *Montgomery* is making progress, but the ship will scarcely be ready for trial for several months to come. Some delay is experienced in procuring the material for the repairs, but when that has been received the details of the work required will occupy more time than was at first supposed.

The Secretary of the Navy has appointed the following officers as the Trial Board for the cruiser *Marblehead*, which will meet at New London, Conn., on Wednesday, Nov. 29: Rear Admiral George E. Belknap, president; Capt. E. O. Matthews, Comdr. Philip H. Cooper, Comdr. R. B. Bradford, Chief Engr. A. W. Morley, Naval Constr. Wm. J. Baxter and Lieut. L. L. Reamey, recorder. The *Marblehead* will have her trial over the measured course in Long Island Sound.

#### NAVY GAZETTE.

##### Ordered.

Nov. 20.—Commander R. B. Bradford, to duty as a member of the Board of Inspection and Survey.

P. A. Engineer C. A. E. King, to the Newark at Rio de Janeiro, per steamer of Dec. 1.

Nov. 22.—P. A. Surgeon J. S. Sayre, to duty at the Naval Academy, Dec. 1.

Nov. 23.—Assistant Engineer Geo. W. Danforth, to duty on board the *New York*.

##### Detached.

Nov. 17.—Lieutenant A. G. Berry, from the *Richmond* and granted six months' leave, with permission to go abroad.

Nov. 20.—Commander A. S. Crowninshield, from the command of the *Kearsarge* upon his arrival at New York, and ordered as senior member of the Board of Inspection at the Navy-yard, New York.

Commander C. E. Clark, from duty at the Navy-yard, Mare Island, Cal., on Nov. 30, and ordered to command the *Mohican*.

Commander O. F. Heyerman, from duty at the Navy-yard, New York, and ordered to command the *Kearsarge*.

Commander Nicol Ludlow, from command of the *Mohican* on Nov. 30, and ordered to proceed home and granted leave for one month.

Lieutenant A. P. Niblack, from duty in the office of Naval Intelligence and ordered to temporary duty in the Bureau of Navigation.

Professor O. G. Dodge, from special duty in connection with the World's Columbian Exposition and ordered to temporary duty in the Bureau of Yards and Docks.

P. A. Engineer R. W. Galt, from the *Newark*, upon the reporting of his relief, and ordered to the *Yantic*.

P. A. Engineer George Cowie, from the *Yantic*, upon the reporting of his relief, ordered to return to the United States and report arrival.

Nov. 22.—Assistant Surgeon M. R. Pigott, from the *Kearsarge* on Nov. 25 and ordered to duty on board the training-ship *Richmond*.

Assistant Surgeon M. W. Barnum, from duty on board the training-ship *Richmond* and ordered to the *Kearsarge* on Nov. 28.

Nov. 23.—Assistant Engineer W. P. Winchell, from the *New York* and granted two months' leave.

#### MARINE CORPS.

Nov. 20.—Major Aug. S. Nicholson, granted leave for six days from Nov. 20.

Nov. 23.—1st Lieutenant R. Dickinson, directed to report for duty as Judge Advocate of a General Court-martial ordered to convene at Naval Training Station, Newport, R. I., on Monday, Nov. 27.

**COLONEL FRED. D. GRANT** had a reception and banquet by the Union League Club of Brooklyn on Nov. 23.

**GENERAL J. B. GORDON**, of Georgia, lectures on the "Last Days of the Confederacy" Nov. 25, at Carnegie Music Hall, New York city.

A DESPATCH says: "The cavalry detachment at West Point has organized a foot ball team, with Sergt. Leonard as President and Pvt. Wallace as captain. Lieut. George H. Cameron is taking great interest in the team and coaches the men every evening. They will receive uniforms if they win their first games with the Army Service eleven."

The following Army officers registered at the War Department during the past week: Lieut. G. N. Whistler, 5th Art.; Capt. Thomas H. Barry, 1st Inf.; Lieut. W. C. Rivers, 1st Cav.; Capt. W. L. Marshall, Engrs.; Lieut. W. A. Holbrook, 7th Cav.; Lieut. W. A. Glassford, Signal Corps; Lieut. W. H. Wilhelm, 10th Inf.; Lieut. J. E. Cassack, 5th Cav.; Capt. Geo. Mitchell, 2d Art.; Major W. B. Lane, retired; Lieut. Jacob Kline, 9th Inf.; and Lieut. Edmund L. Zalin-ski, 4th Art.

**LIEUTENANT-COMMANDER C. E. MCKAY**, U. S. N., retired, was a guest at the Astor House, New York, on Nov. 24.

GENERAL orders were issued Nov. 24 retiring Brigadier General Wm. P. Carlin and assigning Brigadier General Thos. H. Ruger to the command of the Department of the Columbia in addition to his present duties.

#### VESSELS NEARLY READY FOR COMMISSION.

*Catania*, 3d rate, 8 guns.—Comdr. Charles J. Train will be ordered to command. At Barb. M. O. trial successfully concluded. As her electric light plant and considerable other interior work remains incomplete, it will be several months before she is ready for sea.

*Cincinnati*, 2d rate, 11 guns.—Completing at the New York Navy yard. Will probably be ready early in 1894.

*Columbia*, 1st rate, 11 guns.—Capt. G. V. Sumner will be ordered to command. Returned to Messrs. Crane Nov. 20, having successfully concluded her official trial. Will be ready for sea early in the new year.

*Maine*, 1st rate, 10 guns.—Capt. Theodore F. Kane will probably be ordered to command. Completing at the New York Navy-yard. Will be ready during the summer of 1894.

*Marblehead*, 3d rate, 10 guns.—Comdr. Chas. O'Neill, will be ordered to command. Will be in commission and ready for sea before the close of the present calendar year.

*Montgomery*, 3d rate, 10 guns.—Comdr. Chas. H. Davis will be ordered to command. At Union Iron Works, Baltimore, Md., for repairs, having run ashore near New London.

*Olympia*, 1st rate, 14 guns.—Commanding officer not yet selected. Comdr. Geo. W. Coffin is mentioned in this connection. At the Union Iron Works, San Francisco, preparing for official trial, which will take place during November. Will go in commission in the present year.

*Raleigh*, 3d rate, 11 guns.—Capt. Henry Glaw is mentioned as probable commander. Completing at Norfolk Navy-yard. Will be ready for commission early in 1894.

*Texas*, 1st rate, 8 guns.—Nothing definitely known about her prospective commander. Completing at the Norfolk Navy-yard. Will be ready during the summer of 1894.

#### GENERAL COURT-MARTIAL CASES.

In the case of Pvt. Frank Tull, Hospital Corps, recently tried at Fort Clark, Tex., for desertion and for using unnecessary and brutal treatment in restraining a patient, found guilty and sentenced to dishonorable discharge and confinement for four years, the reviewing authority, Gen. Frank Wheaton, says: "The patient named in the specification to the 21 charge died. The case was one, therefore, of great importance and the investigation by the court should have been particularly full and exhaustive. This does not appear to have occurred to either the court or its judge advocate, and the reading of the record serves only to perplex the mind of the reviewing authority with a cloud of doubts and uncertainties concerning every aspect of the case. From the fact that no autopsy was held it would appear that the surgeons were satisfied that death was due to natural causes; from the medical testimony, meagre and unsatisfactory as it is, it would seem that the patient probably suffocated from an obstruction in the air tubes, accidentally introduced from an obstruction in the air tubes, or from the fact that the accused in a degree responsible for the death. From the whole testimony it does not appear that the accused was even remotely responsible for the death, and the reviewing authority is therefore constrained to hold him entirely blameless of the fatal result, but not without blame for his harsh and unsympathetic manner and action toward the patient. As a defence to the charge of desertion and in explanation of his flight and attempt to hide, the accused undertook to show that rumors were abroad and had reached him of violence to be done him by the incensed comrades of the deceased. Immediately the potent spirit of hearsay was invoked and this perfectly legitimate defence in a measure shut out. The finding upon the first charge and its specification is disapproved. The sentence, though based out of all proportion to the misconduct of the accused, is approved as mitigated to dishonorable discharge with forfeiture of all allowances."

In the case of Sergt. P. A. August, Co. D, 1st Inf., recently acquitted of a charge of neglect of duty in having been sent to Leavenworth with prisoners he allowed the members of the guard to return individually, and failed to keep his party together, Gen. Ruger announces a principle which is worthy of note. He says: "A guard, including two non-commissioned officers, the accused being the junior, was sent in charge of prisoners to the Military Prison; that after delivery of the prisoners the senior non-commissioned officer returned over his shoulder on orders or instructions to the accused. Upon this state of facts the court found the accused not guilty of the charge. It was undoubtedly the duty of the accused upon being left as senior non-commissioned officer with the guard, and in absence of express authority otherwise, to have kept control of the guard with which he was sent, and have reported his return therewith to his station in place of permitting the members to return individually."

The disturbances on the Mexican border will involve the concentration of considerable force of the Regular Army for the prevention of violations of the neutrality laws. Police duty of this kind, while less exciting than Indian campaigning, is equally arduous. For months it will be necessary for many troops of cavalry to guard the Rio Grande for long distances on each side of El Paso. It is a service which requires unremitting vigilance and is attended with much hardship. The bulk of the American Army is constantly employed in active military operations, either on the Mexican border or on the edges of Indian reservations. Nothing could be further from the truth than the popular assumption that Army service in the West is a vain pretence, and that an expensive military establishment is maintained without adequate returns in labors performed and dangers incurred. There is no military force in Europe which does anything like as much hard work as the efficient and faithful American Army. The West Point graduate, who is assigned to his first duty in a Western garrison, enters upon a career that may not be brilliant, but will inevitably be laborious.—*N. Y. Tribune*.

#### LATE ARMY ORDERS.

2d Lieut. George W. Gatchell, 4th Art., is detailed to coillere duty at Vermont Academy, Saxton's River, Vt.

Leave for 15 days granted Major J. W. Wham.

Lieut. George W. Goode, 1st Cav., is ordered to duty at the Fort Leavenworth Military Prison, relieving 1st Lieut. Richard M. Blatchford, 11th Inf., who will join his company.

Leave for four months is granted Capt. J. C. Gresham, 7th Cav.

Lieut. John A. Dapray, 23d Inf., is relieved from further duty in connection with the World's Fair and ordered to join his proper station.

**CAPTAIN J. W. MARTIN**, U. S. A., retired, from Geneva, N. Y., was a guest at the Brunswick Hotel, New York city, on Nov. 24.

The following officers of the Navy registered at the Navy Department during the past week: Lieut. H. Morrell, Capt. J. W. Philip, Asst. Engr. J. H. Rowen, Comdr. John McGowan and Lieut. A. G. Winterhalter.



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The long drawn out case of P. A. Engineer Wm.  
Augustus Mintzer, U. S. N., has at last been settled  
by the President. Mr. Mintzer is wholly retired,  
and, as a consequence, ceases to be an officer of the  
Navy. Under the statute governing such action on  
the part of the President, Mr. Mintzer will receive  
one year's waiting orders pay on making application  
to the Fourth Auditor.

It is not believed that there will be any radical  
changes in the administration of the affairs of the  
Adjutant General's Department under its new  
chief. General Ruggles, we are informed, has had  
his attention almost entirely occupied by the rou-  
tine of the office, and has as yet not considered to  
any extent the question of his future policy regard-  
ing the general affairs of his office. He will not an-  
ticipate, but for the present will content himself  
with meeting emergencies as they arise, and main-  
tain a conservative policy.

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### CURRENT NEEDS OF OUR ARMY.

BRIGADIER-GENERAL J. C. BRECKINRIDGE, In-  
spector General, U. S. A., in his recent annual re-  
port, quotes from reports made to him both by offi-  
cers of his corps and others, some of which are so  
much in the line of current needs and necessities  
that we repeat a few for the general benefit.

Colonel E. M. Heyl, I. G., renews his recommen-  
dation of a year ago that a progressive course of  
gymnastic training, to set men up, and prevent  
monotony of post life, be given at every post, and  
recommends that 50 per cent. of court-martial fines  
be used for the benefit of troops at posts for the con-  
struction of a properly-equipped gymnasium and  
hire of an instructor at each.

Lieutenant-Colonel Guy V. Henry, Seventh Cav-  
alry, commanding Fort Myer, suggests that sub-  
jects for lyceum essays be given out by the War  
Department, or Department Headquarters, and re-  
quired to be returned to War Department for ex-  
amination or file. This will tend to stimulate an  
officer in his studies.

Colonel E. F. Townsend, Twelfth Infantry, com-  
manding Fort Leavenworth, thinks post schools, as  
at present conducted, a failure, and that in our  
Service they should be reorganized on a different  
basis. Lieutenant-Colonel Henry E. Noyes, Sec-  
ond Cavalry, commanding Fort Huachuca, recom-  
mends the employment of civilian teachers in post  
schools, as competent enlisted men are very scarce.  
Lieutenant-Colonel W. J. Lyster, Twenty-first In-  
fantry, commanding Fort Sidney, says in regard to  
post schools that it is useless to expect to procure  
men of suitable character and acquirements for  
teachers at nine dollars per month, with the chance  
of extra duty pay, plenty of drill and a bunk in the  
barracks.

Colonel E. M. Heyl regrets to state that while  
the Army has improved in many respects during  
the last few years the discipline is not what it  
should be, and says: An army is organized force;  
the purpose is coercion; its methods are fierce and  
severe; it accomplishes its duty with suffering and  
preserves its discipline by arbitrary authority.

Captain J. M. Lee, A. I. G., is of opinion that  
the law which forbids the re-enlistment of a private  
soldier after ten years of faithful service is, per-  
haps, promotive of more dissatisfaction than any  
other measure that has been introduced for years.  
If to eliminate the private soldier from the retired  
list for enlisted men is in the interest of economy,  
then, says he, surely this savors of parsimony and  
a discrimination against the lowest military grade  
which, it is believed, is without a parallel in the  
history of any civilized nation.

Colonel E. F. Townsend in some practical re-  
marks on the subject of the causes of desertions,  
says the remedy for all this is to stop the unsol-  
dierly labor and do away with the inequality of  
service and pay. But this work must be done. The  
quartermaster must have his mechanics and labor-  
ers and the adjutant must have clerks. Then enlist  
specially for such duty, giving pay for the work,  
the men not enlisted as soldiers, but as mechanics,  
clerks, and laborers. Let soldiers be soldiers, and



if they have to labor let it be military labor. If they handle the pick and shovel let it be for intrenchments or something in the line of their profession.

Captain Wm. Quinton, 7th Infantry, commanding Camp Pilot Butte, suggests apprentice schools so as to obtain a good class of non-commissioned officers, "an element that recent vicious legislation has deprived the Army of." Recent legislation has had the effect of upsetting such discipline as the Army had. The men are frantic in their efforts to get out, and every officer who has any political or social influence uses it unsparingly to get away from the performance of military duties with troops. The suggestions of men for the "improvement" of the Army who have never served with troops ought to be taken with great caution, as it is very easy to tear down a system of discipline that may have required years to establish. Under the guise of benefiting the soldier dissatisfaction has been created in the ranks of the Army, and one hears now upon every hand enlisted men prating of their "rights" and their "privileges," and the loudest of all these in speech are the class of men that it is the hardest to rid the Service of—the worthless and dissipated.

Major A. S. B. Keyes, 3d Cavalry, commanding Fort Ringgold, says: All the recent laws regarding discharges have been detrimental to the efficiency of the Army. Between the "ten-year service" law and the "three years and three months" law it is difficult to choose which is the worse. The first has almost eliminated old soldiers, particularly non-commissioned officers, from some organizations, and left no class from which new men can learn the thousand and one things which they can learn in no other way so well.

Lieutenant-Colonel G. H. Burton, I. G., says: There is no abatement in the general feeling of officers respecting the pernicious influence of General Orders Nos. 80 and 81. The consensus of opinion is for three year enlistments with no time abatement, and the repeal of the ten year re-enlistment law.

Colonel R. P. Hughes, I. G., says: There is a general feeling in the Army that the situation in the cavalry and infantry branches of the Service is far from satisfactory, and he invites consideration of the propriety of separating the light artillery from the heavy. The heavy artillery is a specialty and has little connection, necessarily, with an army operating in the field, and its course of instruction does not contemplate such a contingency.

Colonel Isaac D. DeRussy, Eleventh Infantry, commanding Whipple Barracks, says: "Great complaint is made concerning the shoe of Government issue. The complaint is not without cause. They appear roughly constructed from coarse and non-pliable material. The uppers are too heavy, and their seams are so unyielding as to seriously injure the feet of many men on long marches. The weight of the shoe is entirely too great." Major A. R. Chaffee, A. I. G., thinks "further issue of the cavalry boot to the mounted force in Arizona and New Mexico not desirable; the cavalry legging is best, and is preferred wherever tried by the troops there stationed. The infantry prefer leggings same length as cavalry issue." He further says: "Objection most worthy of consideration in respect to the helmet worn by mounted officers lies in its being too top-heavy. I greatly favor the helmet, but would like to see it modified in make so that the crown shall be low as can be worn conveniently, plume held in a comb and falling equally both sides and back, the lower ends of the hairs on line with the under edge of the helmet band." Captain G. H. G. Gale, Fourth Cavalry, commanding Fort Bidwell, Cal., expresses the opinion that it seems perfectly practicable that at each military post a laundry could be maintained at slight expense to the Government and to a decided advantage and convenience to the garrison.

Colonel Burton says: "All public animals, i. e., cavalry and quartermaster's observed, are over fat. Where animals are necessarily kept housed during the winter seasons in severe climates, the grain allowance should be cut down to not more than six pounds per day, and the hay allowance should be increased." Colonel A. K. Arnold, First Cavalry, commanding Fort Grant, referring to the fact that several organizations can not provide mounts for

the soldiers in their ranks, says: "In consequence, the efficiency of the command is in every way crippled. The matter of furnishing the mount for our cavalry is one that demands attention. The present system destroys efficiency, and, in an active campaign, would invite disaster and disgrace." Captain Gale, commanding Fort Bidwell, Cal., thinks the contract system of supplying horses and mules the most wasteful and extravagant that could be devised.

Captain Lee thinks post messes, in comparison with company messes, conducive neither to contentment nor efficiency under the varying conditions of the service.

Colonel Hughes says: "No satisfactory portable intrenching tool has yet been adopted for our troops. Our coast fortifications are without modern armaments, and thus far no experiments seem to be making in the use of 'rapid fire' in our field artillery."

Colonel L. L. Langdon, First Artillery, commanding Fort Hamilton, says: "There are many reasons why the pay of sergeant-majors and quartermaster-sergeants should be larger than that of all other non-commissioned officers; but I can imagine none why it should be the reverse, as it is now. Congress has several times increased the pay of the other non-commissioned staff officers, but the cause, if any, of leaving the regimental non-commissioned staff *in statu quo* each time has, to my recollection, never been explained."

Colonel Heyl recommends "that the War Department utilize the experience of officers and condense and diminish the many forms of papers and returns now in use; or, in other words, place our bureaus and Army on a war footing with simple and practical methods which can be understood by all officers, particularly volunteers."

Several officers speak strongly on the subject of the large number of absent commissioned officers on detached service. Colonel P. T. Swaine, advertising to this and the drill regulations says: "The trouble is that what are most necessary to carry out the principles of the present system of tactics we have not got: first, a sufficient number of squads; second, enough squad officers."

Captain P. H. Ray, Eighth Infantry, commanding Fort Washakie, Wyo., says: "The efficiency of the command is much impaired by the great number on detached service, and the few remaining on duty are so burdened with the paper work that they find but little time to devote to company duties, and the best soon become disheartened by the general lack of interest displayed and seek, through any influence they possess, some detached service."

Colonel Heyl earnestly recommends that the necessary steps be taken to secure favorable legislation to amend section three of the act of Congress approved July 29, 1886, so as to provide for the retirement of general-service clerks and messengers on three fourths of the pay they may be receiving at date of retirement; also that a board be convened at Fort Riley for the purpose of deciding upon a good practical cavalry bit and horse equipments.

Colonel Burton, on the subject of college duty, thinks that "progression and expansion in the military branch at all colleges depend directly upon the efforts and character of the military professor." If the War Department accepts this conclusion then he suggests "that all college details should be made by the War Department in respect of recommendations of the faculty. The War Department has means of knowing the special fitness of individuals; the faculties of colleges have not. This fact alone should be conclusive."

These are but a few notes out of many that we should be glad to make, but they are enough at present to afford food for reflection.

#### BATTLE FORMATIONS.

THE assumption of English writers that the tactical methods adopted by the Germans in 1870—particularly their use of skirmishers and small columns—were the result of deliberate conviction, is controverted by the Army and Navy Gazette. It traces the bias towards these methods back to the French armies of the Revolution, which, owing to a want of drill and discipline, failed to fight in line

according to the system of Frederic the Great, whose fundamental principle had been to place the weight of the attack in the first line; to march his line as close in to the enemy as possible, and then to overwhelm him by "the greatest development of infantry fire under the most careful supervision and control." The French lines, plentiful in numbers and enthusiasm, but half trained, could not be brought up, according to our contemporary, to the infantry duel in line at short ranges, and so fell back upon endeavoring to wear out their antagonists by a skirmishing fire fed constantly from the rear. By years of practice the French became adepts at this style of fighting, which may be called that of attrition, while the Prussians, in a long period of inaction, became wooden and unwieldy in their own chosen method of line fighting. At Auerstadt, for example, with a good superiority of numbers available, they refused to use their reserve to aid their hard pressed forces in front, lest it might be needed to cover a retreat. "As a consequence of this misfortune, this idea of retaining the third line or reserve to protect a possible retreat has been since given up by every other Army but our own in the world, it being generally felt that it is a wiser application of force to ensure success rather than to protect a retreat which in all probability would not take place but for the retention of the very battalions whose action might turn the scale. Besides, it is also held that the guns that remain in position until the success of the attack is secure form a better screen to rally behind in the event of failure. The idea that a third line can overtake and pursue a beaten enemy who has already, from the nature of things, secured a two mile start at least, is puerile. Line tactics having apparently broken down, the Prussians went over to skirmishers and small columns with more zeal than discretion, and definitely adopted the method of 'attrition' in preference to Frederic's idea of a blow. Even Clausewitz failed to perceive the distinction, and during the long peace the conception of 'attrition' became fairly stereotyped." But our contemporary holds that line tactics really did not break down, they being rather only improperly applied. This misapplication was manifest at Jena, and yet the line system itself was held to be at fault.

Germany, therefore, as our contemporary argues, had acquired simply a bias for skirmishing and line formations in 1870, and the advent of the breech-loader had increased it. But some years after the war, we are assured, a reaction took place among the younger officers. "Recognizing that there had been war before Napoleon, and feeling that something was wanting in the chain of justification of existing forms, they disinterred the old Frederician principles both for cavalry and infantry. With the former they were successful within a few years, but with the latter they are only now beginning to make progress, and hardly yet see the goal to which they will inevitably be led. Briefly, that principle is, and for us it is of extreme importance in the probable absence of numerical superiority on our side, that in fighting it is the first blow that tells, and that the intensity of that blow depends on the delivery of the fire of the maximum possible number of rifles in the minimum of time at the shortest range, and this result can be attained by line formations alone." Perhaps this view is worth consideration among the criticisms of our Drill Regulations which are now rife.

#### THE CASE OF SERGEANT LINSE.

GENERAL satisfaction is expressed by the officials of the War Department at the recent decision of Chief Justice Zane, of the U. S. District Court of Utah, in the case of Sergeant Linse. The case grew out of the killing of J. W. Leonard at Camp Douglas in June last. Linse was a member of the guard ordered to arrest Leonard, a citizen and discharged soldier of Co. F, 16th Infantry, who was driving recklessly within the limits of the post. Leonard resisted arrest and was shot and killed by Sergeant Linse. The soldier was tried by General Court-martial on the charge of manslaughter and acquitted, the Court holding that he killed the man in the line of duty. After his acquittal he was indicted in the civil courts, with Lieutenant Buck and Private Sheffield, on the charge of murder in the sec-



ond degree. Captain A. C. Sharpe was the counsel for the defendants, and he made the plea that the defendant had been once tried for the offence by a legal tribunal, and could not be again put in jeopardy for the same offence. Captain Sharpe's argument was very able, and Chief Justice Zane, before whom it was made, has decided that the Territorial Courts have no jurisdiction, and that the men cannot be tried by the United States, because they had previously been tried and acquitted by a General Court-martial.

This decision is regarded as a clear precedent in this important question, and as more definitely establishing the character of a military court. It is thought that Lieutenant Maney may try to make this precedent work in his favor if brought before the military tribunal after trial by the civil courts for the killing of Captain Hedberg. Such a case would be the reversed application of the precedent thus established, and officers are anxious to know whether it would hold. Still another case is that of Colonel Ainsworth, concerned in the Ford's Theatre disaster. Perhaps he may also enter a similar plea, in the event of his being brought before a Court-martial after the civil courts have decided the case.

#### THE HOWELL TORPEDO.

CAPTAIN SAMPSON, Chief of the Naval Bureau of Ordnance, has received the report of the board appointed to conduct the trials of the Howell torpedo, at the Newport Torpedo Station. The report is elaborate, and gives the result of the trials in detail. The torpedoes were subjected, of course, to test under the full requirements of the contract. After a careful inspection, they were tried from a stationary platform and then from a vessel under way.

The torpedoes were required to run four hundred yards and maintain a speed of twenty-two and a half knots during that distance. The results of the tests were very satisfactory. Twenty-five knots was the maximum speed developed, while the minimum speed was twenty-two knots. Of the eighty-eight runs made there were but three which could be classed as mishaps, one being a misfire and the other two dives to the bottom. The report states that the regulating mechanism worked well, and the contract requirements as regards accuracy were fulfilled.

The *Stiletto* did not exceed a speed of fifteen knots during the trial. This the board reports was due to two reasons: First, the extent of the basin was too limited to permit attaining full speed without a turn shortly before launching, during which the rudder effect slowed the boat materially; second, the demands of the motor on the steam supply operated to slow the engine. This last reason was not so apparent exhausting into the atmosphere as in exhausting into the condenser. The added efficiency of the draught when exhausting into the smoke pipe probably made up for the increased demand on the steam supply. The report states that in order to maintain the speed of the boat while the torpedoes are being spun up it will be necessary to increase the capacity of both boiler and condenser above that of normal requirements. Atmospheric exhaust obviously cannot be used on account of noise and the formation of vapor clouds which would show plainly in the beams of a search light.

The board reports that the present motor used by the contractors gives the required speed to the wheel in from two to 2.5 minutes with 180 pounds effective steam pressure. It has not, however, sufficient power to fulfill the contract requirement as to time of spinning up with any available steam pressure. The motor cannot be heard under conditions favorable to the transmission of sound until within a distance of 400 yards.

The special board appointed by the Secretary of the Navy to consider plans for the alteration of the *Machias* and *Castine* will continue its sessions next week. The trial of the *Columbia* interrupted the work of the board, as many of its members were also on the other board. As soon as the data attained from the experiments with the *Machias* are available, the board will decide upon the plan to be pursued.

A MODIFICATION of previous methods in the routine of naval examinations has been inaugurated by

the Bureau of Navigation, whereby a candidate for promotion is first examined by the professional board and lastly by the medical board, thus reversing the practice hitherto in vogue.

A HEAVY drain has been made on the allotments of the various bureaux of the Navy Department in fitting out the many vessels for foreign service. The expenditures in this direction have been so great that it is said that from one-half to two-thirds of the funds of the present fiscal year have been used, and a gradual reduction in expenses for the remainder of the year will be necessary.

AMONG the earliest subscriptions during the past week to the Buford Memorial to be erected at Gettysburg was one for fifty dollars "from General John F. Reynolds's staff." This graceful act is in perpetuation of the memory of the warm friendship which existed between two distinguished soldiers who within the same year gave their lives to their country.

#### THE VICTORIA.

THE Admiralty minutes on the Court-martial at Malta, as printed in full by our contemporaries, the British service papers, are before us, and we have been especially struck by the minutes upon the construction and stability of the *Victoria*, and upon the question of the water tight doors. They declare that the provision for stability in her design was ample for all requirements. When fully laden and in seagoing trim the metacentric height was five feet, stability reached its maximum at an angle of 34½ degrees to the vertical, and the range of stability was 67½ degrees. Again, they declare that had all the doors and hatches been closed before the fatal collision, making all due allowance for probable damage, the ship would have remained afloat, and under control, and able to make port under her own steam. Her bow would have been depressed about to the water level; her heel to starboard would have been about one-half of that observed before the lurch began; her battery ports would have been several feet above water, and she would have retained ample stability. The loss of the ship they decide to be not due to injuries sustained above the protective deck. Those injuries produced a loss of buoyancy forward, which was unimportant compared with that resulting from the flooding of compartments below the protective deck.

These are very striking conclusions, and they ought to receive attention in all navies. Added to them are the results reached by Mr. White, Director of Naval Construction. He declares that the time elapsing between the order to close the water-tight hatchways on the *Victoria*, and the actual collision, being only about one minute, was necessarily inadequate for the complete fulfilment of that intention, more especially in compartments forward below the protective deck, and near to the place of collision; and further, that, so far as can be judged, had all doors, hatchways, etc., been closed prior to the collision, the *Victoria* would have continued to retain ample buoyancy and stability and would not have ceased to be under control; that even when so seriously injured and brought to such a critical condition, had the ports in the turret and upper-deck battery been closed, the armor door secured, and water excluded from turret and battery, the *Victoria* would not have capsized. It is possible that she may have eventually foundered in consequence of the gradual passage of water into compartments, respecting which the evidence leaves us in doubt. Mr. White adds that in such cases the safety of a ship and her continued flotation demand that provision should be made for closing gun ports and openings in upper works, through which water may pass into the interior of the ship, if the flooding of compartments produces great change of trim or serious heeling.

We are glad to express the conviction that the Admiralty has done a great service to the British Navy, and indeed to all navies, in emphasizing the points relating to the watertight doors. The court-martial was so much concerned with other questions that it could not bring this one into sufficient prominence. But now that the responsibility of Tryon and the circumstances of his fatal order are understood, it is important to dwell on and emphasize the practical lessons just spoken of.

Our London contemporary, *Engineering*, goes one step further in the discussion by saying that "Mr. White has done his part as a naval architect, and it now remains for the Admiralty to consider whether it is possible for a battleship, subdivided as the *Victoria*, to be fought to fullest advantage with watertight doors closed. We may depend that in action captains will put their ships into the best fighting trim, irrespective of other considerations. If a watertight door obstruct duty in action, that door

will be opened, risk or no risk, and in spite of all regulations. It is necessary to guard men against themselves sometimes, and the ship should be arranged with this view. We quite agree with the report that an automatic closing door which would meet the occasion is not likely to be introduced, but it would be well to arrange many of the communications so that there would be no inducement to leave them open during the progress of a fight." The question as to what is practically demanded in such a case is well worth ample consideration.

THE detail of an officer to take charge of the projected branch Hydrographic Office at Chicago has not been made at the time we write, but is receiving the attention of the Navigation Bureau at the Navy Department. The office will have for its special duty the service of the Great Lakes.

THE Driggs-Schroeder Company were the lowest bidders for the ten six-pounder rapid-fire guns for the new gunboats and will receive the contract. The contract for the 18 one-pounders is still in doubt, as both the Hotchkiss and Driggs-Schroeder companies submitted the same figures.

In a recent article on Training and Equipment we note one sentence which would make a suitable inscription for some conspicuous place at every military post: "Anything in the education of a soldier which is not of a warlike nature is useless and a waste of time."

INSTRUCTIONS have been sent from Army Headquarters to Vancouver Barracks to continue the search for the hunting party, headed by the son of Gen. Carlin, who are snow-bound in the wilderness of Bitter Root Range, Montana.

NEXT year will see quite a company of notable Navy officers placed on the retired list. Rear Admiral Belknap leads off by retiring on Jan. 22, followed by Rear Admiral A. E. K. Benham, April 10, and by Admiral Irwin five days later. Commodore Fyfe retires on July 26, and Rear Admiral Erben goes on the shelf Sept. 6. Rear Admiral Gherardi closes the year by retiring on Nov. 10.

At the convention in New York of the Society of Naval Architects and Marine Engineers ended Nov. 17, Theodore D. Wilson, ex-Chief Constructor, U. S. Navy, read a paper in which he described the building of the White Squadron. Chief Engineer George W. Melville, U. S. N., followed with a paper entitled "Notes on the Machinery of the New Vessels of the United States Navy." The next paper, by Wm. W. Bates, a former Commissioner of Navigation for the Treasury Department, dealt with the superiority of American over foreign freight ships. Naval Constructor David W. Taylor, U. S. N., then presented a technical paper on "The Wetted Surface of Ships." Naval Architect J. J. O'Neill followed with "The Influence of Speed and Weight of Machinery on the Determination of the Other Elements of the Design of Steam Vessels." Other interesting papers were also read, the final one being "The Laws of Frictional Resistance," by Prof. W. F. Durand, of Cornell University. A vote of thanks was passed to Naval Constructor Francis T. Bowles, U. S. N., of Norfolk, Va., who took the leading part in organizing the society.

A FEW short months ago—(JOURNAL of May 20, 1893) we chronicled the appointment of Col. Wm. P. Carlin, 4th U. S. Infantry, to Brigadier-General, and his assignment to the command of the Department of the Columbia. We now have to report his retirement from active service on Friday of this week, Nov. 24 his sixty-fourth birthday. General Carlin's record as a soldier is second to none. He was graduated from the Military Academy in 1850. He had a frontier service of eleven years, and had received his promotion as Captain of the Sixth Infantry before the Rebellion, in which he served as Colonel of the Thirty-eighth Illinois Volunteers and Brigadier-General of Volunteers, receiving for his gallant service the volunteer brevet of Major-General and brevets in the Regular Service up to that rank. Inscribed upon his escutcheon General Carlin carries the legend of Perryville, Stone River, Chickamauga, Lookout Mountain, Chattanooga, Missionary Ridge, Buzzard's Roost, Resaca, Jonesborough, Ga., Bentonville and the other engagements and skirmishes forming part of the history of Sherman's Army, in which he commanded a division. In May last we said: "There is no better soldier and no finer gentleman in our Army, and the only regret is that his term of service on the active list expires at the end of the coming six months," and now that he relinquishes the duties and responsibilities of service on the active list he takes with him from the country and his comrades of the Army the best wishes for his future.



THE Germans are praising the landwehr system of Austria, which gives seven classes of reserves instead of four as under the German system and more frequent drills and enrollment for service. The cavalry is especially praised for its fine appearance.

At the first general meeting of the U. S. Infantry Society, held at Fort Leavenworth, Kansas, Saturday, Nov. 4, 1893, the following officers were elected for the ensuing year:

President—Colonel Robert H. Hall, 4th Infantry.  
 Resident Vice-President—Major J. T. Haskell, 24th Infantry.  
 Department of Platte Vice-President—Col. J. J. Van Horn, 8th Infantry.  
 Department of Colorado Vice-President—Col. E. P. Pearson, 10th Infantry.  
 Department of Texas Vice-President—Lieut.-Col. H. S. Hawkins, 23d Infantry.  
 Department of East Vice-President—Lieut. Col. H. C. Egbert, 6th Infantry.  
 Department of Columbia Vice-President—Major G. M. Randall, 4th Infantry.  
 Department of Dakota Vice-President—Capt. C. Hobart, 31st Infantry.  
 Department of California Vice-President—Capt. J. J. O'Connell, 1st Infantry.  
 Secretary and Treasurer—1st Lieut. E. A. Root, 19th Infantry.  
 Corresponding Secretary—Capt. G. S. Wilson, 12th Infantry.  
 Executive Council, for two years—Capt. E. L. Randall, 5th Infantry; Capt. J. Fornance, 18th Infantry, and 1st Lieut. W. C. Wren, 14th Infantry.  
 Executive Council, for one year—1st Lieut. B. W. Abbot, Jr., 12th Infantry, and 1st Lieut. R. M. Blatchford, 11th Infantry.

About fifty names have been added as members to those published with the constitution as favoring the organization, and the future looks bright.

THE Ordnance Bureau of the Army has been informed that a preliminary test of the eight-inch Buffington-Crozier carriage was made at Sandy Hook this week. It was the first firing which has been made with the carriage, and as far as it went, the trial was satisfactory.

THERE is some talk, which may materialize in legislative action, of authorizing the purchase of the 110-ton Krupp gun, which attracted so much attention at the World's Fair. The suggestion which has recently been made contemplates the erection of this mammoth gun at Sandy Hook for use in the defence of New York Harbor.

WHEN the trials of nickel-steel against steel barrels for the new Navy small arm are completed, the Department will issue a circular inviting American inventors to submit breech mechanisms from which a selection will be made for adoption in the Service. The competition must be limited entirely to domestic inventors. The inventor whose mechanism is accepted by the Government will then receive the contract to furnish 5,000 arms, including barrels, for the Navy. The Marine Corps will be furnished with the Navy gun also.

LIEUTENANT WM. A. GLASSFORD, Signal Corps, appeared before the Examining Board in Washington this week for examination for promotion to the grade of captain, to which he is entitled by fourteen years service. The vacancy in the grade of junior lieutenant in the Signal Corps will be filled by competitive examination from ten junior officers of the line of the Army. Only those who are less than thirty years of age, and who have served two years in the line of the Army are eligible. While there have as yet been no applications for examination for the place, it is expected that there will be at least a half dozen candidates. The Ordnance Department will also conduct an examination at an early date to fill a vacancy in the grade of junior lieutenant in that corps. The conditions which govern the appointment are the same in both corps.

GENERAL JOSEPH B. DOE, who has been appointed Assistant Secretary of War to succeed General Grant, is a native of Wisconsin, and resides at Janesville. He is a lawyer of much prominence in the State, and is also Adjutant General of the Wisconsin National Guard, to which position he was appointed by Gov. Peck. While a lawyer by profession, Gen. Doe has of late years devoted much time to military affairs. He is popular among National Guardsmen, and his administration of the office of Adjutant General has been very satisfactory to them. He has proved to be an efficient officer, and those who know him say that he is possessed of marked administrative and executive ability. Gen. Doe is still a young man, being only thirty-eight years of age. General Grant, whose resignation takes effect on Dec. 15, will leave the War Department with the friendship and regard of all the officials. He has discharged the duties of the office of Assistant Secretary with ability and fidelity, and has won the esteem of all with whom he has been associated. He will eventually resume the practice of law, though his plans have not yet been formulated.

THE War Department has formally sanctioned foot ball at West Point. After having had the matter under consideration for some time the authorities have decided that the arguments made against the game are not of sufficient weight to warrant its prohibition. The Naval authorities offer no objections to the sport, and with this favorable decision on the part of the War Department the game between the teams of the Military and Naval Academy will be permitted.

MR. T. M. O'HALLORAN and Mr. Irving Blount, announced as Watch and Division Officers of the Brazilian cruiser *America*, fitting out at New York, graduated from the United States Naval Academy. Mr. Blount was appointed to the Academy from Indiana on Sept. 6, 1887, and was honorably discharged June 30, 1893. Mr. O'Halloran was appointed from Pennsylvania May 17, 1883, and was honorably discharged June 30, 1889. Both officers passed the requisite academic course, and performed sea service prior to graduation.

THE scope of the examination for candidates for appointment to the vacant first lieutenant in the Signal Corps has been prescribed by the War Department. It is as follows: Maximum number of points 50—twelve for military fitness, bearing character, and record of service; twelve for theoretical and practical electricity; nine for modern languages; seven for chemistry and optics in their relation to military purposes; six for military surveying and reconnaissance, including map making, field sketching, and service security, and information; four for military essay from 1,000 to 2,000 words on any professional subject approved by the Board.

MR. W. H. JAKES, formerly of the Navy, gave a lecture the evening of Nov. 17 before the Brooklyn Academy of Arts and Sciences, his subject being "The Manufacture of Heavy Ordnance and Armor for the United States Government." There was a large audience. The lecture was an illustrated one. Mr. Jakes expressed the opinion that so far the built-up steel gun had been proven to be the best. He fully explained the merits and the demerits of the Woodbury wire gun and spoke in praise of the Brown segmental wire gun. The manner of making it in small sections permitted of greater perfection and greater economy in their manufacture. Tests already conducted had proven to a considerable extent the ability of the gun to stand a tremendous pressure and to give a great speed to the projectile, with no apparent weakening of any of its parts.

THE San Francisco *Chronicle*, referring to the amount of court-martial duty officers of the Army and the Navy are required to perform, asks the question: "Why would it not be an improvement on the present method to provide for the composing of courts-martial and courts of inquiry from officers on the retired list, in each branch of the Service?" and presents some very good arguments why it would. "Of course," says the *Chronicle*, "it would not be fair to recall the veterans into active service without a provision for extra pay for the work done, but that would be a matter of detail which could be arranged very easily by giving them full pay for the time actually employed." We question, however, that Congress would "very easily" provide the full pay necessary. The policy of that body has been rather the other way of late years.

EX-SECRETARY TRACY said to a *Herald* reporter as to his interview with Admiral Skerrett, prior to the latter's departure to the Sandwich Islands:

He asked me what the attitude of the United States was, and I replied that closer relations were favored, but that the islanders must take the initiative. No drastic measures would be taken by this Government against the wish of that people. I think neither the President nor the members of the Cabinet had the slightest intimation of the impending revolution, and the possibility had never been mentioned. I understand that there was no complicity on the part of the United States in the overthrow of the Queen. The marines landed not until the provisional government had been proclaimed and recognized by Minister Stevens, and then to protect this country's people and interests.

(Correspondence of the Army and Navy Journal.)

#### U. S. NAVAL ACADEMY.

ANAPOLIS, MD., Nov. 23, 1893.

THE new shooting gallery in the rear of the armory has been opened for use.

It is understood that the cadets are soon to issue a book of the nature of the various college annuals, the subject matter being written by the cadets. The last publication of this kind was printed about five years ago, under the title of "Junk."

The game with West Point being now a reasonable certainty, all interest centers on that event. Quarters in Annapolis are at a premium.

Invitations for this year's series of horse races are now out. The dates are Dec. 2, 16, and 30; Jan. 6 and 20; Feb. 2, and April 7. Cadet Tompkins, 1st Class, is chairman of the hop committee.

Monthly examinations are now in progress.

## THE STATE TROOPS.

Seventh New York.—Colonel Appleton.

THE competition for the Abel Trophy, shot at the armory range on Nov. 17, resulted in a victory for the team of Co. H, Capt. Lydecker, on the handsome total of 634 out of a possible 700. It was the best score ever made by the company and within 12 points of the record, which is 646 points. The score of the winning team is as follows:

	200 Yards.	300 Yards.	400 Yards.	500 Yards.	600 Yards.	700 Yards.	800 Yards.	900 Yards.	1,000 Yards.	Agg.
Serjt. J. Wotherpoon.....	4454455-32	4555555-34	4666666-36	4777777-38	4888888-40	4999999-42	5000000-44	5111111-46	5222222-48	5333333-50
Serjt. L. J. Joselyn.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Serjt. P. L. Klock.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Corpl. G. L. Hoffman.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Lieut. W. J. Underwood.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Corpl. R. M. Kallcock.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Pvt. E. W. Lancaster.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Pvt. H. E. Senior.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Pvt. N. D. Lancaster.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
Pvt. A. R. Angel.....	4455445-32	4555445-32	4666445-34	4777445-36	4888445-38	4999445-40	5000445-42	5111445-44	5222445-46	5333445-48
	310	324	338	352	366	380	394	408	422	436

The scores of the other teams were Co. F, 631; A, 617; G, 613; E, 610; B, 610; F, 610; C, 598; D, 592; B, Jr., 578; I, 575; H, Jr., 566; G, Jr., 559; C, Jr., 557; F, 3d, 533; E, 467. The score of the junior team of Co. F, 610 points, was remarkably good shooting, and beats the record for junior teams previously set up by Co. B, which was 591 points.

In the Bull's Eye Match, shot on Nov. 18, some 25 shooters put in an appearance. The conditions were ten shots and Bull's eyes only to count. There were three prizes, which were won by the following: Corpl. F. W. Perkins, eight bulls; Serjt. F. W. Poble, seven bulls, and Corpl. G. L. Hoffman, seven bulls. The following qualified as sharpshooters: Pvt. J. W. Halstead, 69; Corpl. G. M. Oronochan, 68; Corpl. H. Meville, 66; Pvt. H. E. Senior, 65; Pvt. E. W. Lancaster, 64; and Serjt. F. W. Poble, 63. A sign corps is to be organized in the regiment by Adjutant London.

#### 1st Battery, N. Y.—Captain Wendel.

IN his report to the Adjutant General's Office on the practice march of the battery to the State Camp last July, Capt. Wendel makes known some very interesting facts. With Capt. Wendel's battery on the march were Bat. K, 1st U. S. Art., Capt. Dillenback, and the 2d Battery, N. Y. Capt. Wilson. The battery assembled on July 29 at 10.30 A. M., with 74 rank and file fully equipped for field service. March was taken up from the armory in West 44th street in a driving rain, the rubber pouches coming in very handy. Arrived at 23d Regiment armory at 10.59 A. M., and left at 11 A. M., route being along Western Boulevard. A halt of 30 minutes was made at Washington Bridge to water horses, adjust harness, etc. The march was resumed at 1.55 P. M., through Seagwick avenue to Van Cortlandt Park, which was reached at 3.45 P. M., distance marched eleven miles. Camp was located and battery parked in column for night, the horses watered and fed at the picket line, which was drawn through the spare wheels of the caissons. The tents were pitched, guard mounted, and supper ready in one and three-quarter hours. Supper consisted of strong beef stew, bread and coffee.

A thorough inspection was made, with the following results: Four horses slightly stalled, four loose shoes, three girths broken, one trace, three headstaps broken; harness in a very poor condition—too old—breaking on the march, causing delay, etc. The horses were very unruly on account of the change, and being tied at the picket rope, they kept the guards busy all night.

The march was resumed Sunday, July 30, from Van Cortlandt Park at 7.30 A. M. Line of march through Broadway; arrived at Yonkers at 9.10 A. M.; good, hard road, but very hilly above Yonkers.

The battery passed through Hastings, Dobbs Ferry, Irvington, Tarrytown, Scarborough and Sing Sing. The road above Sing Sing was very soft, rough and billy.

A halt was made at Irvington for one hour, for lunch, the horses rested and watered. The battery formed in park with close intervals. The contrast between the time required by the men on the previous evening for performing their duties, will be seen when on July 30, 14 wall tents were pitched and two fires for the cook set up and supper ready in three-quarters of an hour. Its baggage and ration wagons were the only ones to arrive at the camp with the column on time. Horses of baggage wagons in good condition and able to travel further.

Supper consisted of strong stew, bread, coffee and corned beef. Capt. Wendel's battery also served Bat. K, 1st U. S. Art., with rations—fifty loaves of bread, four rounds of smoked shoulder, one-half round of corned beef, and coffee for 75 men. The men performed their duties to the entire satisfaction of the captain.

Arrived at Croton Landing at 4.45 P. M., July 30; distance, 24 miles.

The camp selected at Croton was on a high bluff, three-quarters of a mile from water—very high grass, a poor place for a camp. The horses had to be led to the river for watering. Many of them were badly galled; the harness was too small in size for the tollars.

Monday, July 31, 1893, at Croton Landing; tents were struck and baggage packed in three-quarters of an hour. Reveille at 4 A. M.; book and saddle at 7 A. M.; march resumed at 7.50 A. M.

A halt of 25 minutes was made to water the horses at the brick kilns at Croton. The roads were soft and billy through Oecawanna, Croton and Montrose.

Arrived at Peekskill at 12 M. A halt was made to water the horses. The march was resumed at 12.30 P. M. Arrived at State Camp at 2 P. M.

During the march no accident had occurred and everything had gone well. Vast improvement was noticed in drivers and connoneers. Distance from Croton, 16 miles by Post Road. Meanwhile the caterer at the State camp knowing just how hungry the men would be after having marched so many miles, had prepared one of his best dinners. There was soup, splendid roast beef, corn, potatoes, milk in abundance, coffee and pie.

After performing a tour of duty at camp from Aug. 1 to 4, the battery left for its home station on Aug. 5, at 7.50 A. M. It arrived at Annsville Creek, second bridge, at 8.13 A. M.; Hudson avenue, Peekskill, at 9 A. M.; Albany Post Road, Buchanan, at 9.36, where a halt of 30 minutes was made to water horses. Montrose was reached at 10.05 A. M., and the mile stone, 44 miles from New York City, at 10.55 A. M. At Oecawanna a halt of 35 minutes was made for rest. Croton Station was reached at 12.07 P. M., a rest of 18 minutes being taken. Arrived at Neilson Park at 2 P. M., pitched tents for night, watered horses and had supper ready in one hour, consisting of stew, ham, steaks, eggs, cheese, sandwiches and coffee, the people of village giving battery a cordial reception. On Aug. 6 reveille was sounded at 3.45 A. M., and march resumed at 6.33 A. M. Scarborough was reached at 7.03 A. M. At Archville a rest of 18 minutes was taken. Sleepy Hollow Cemetery was reached at 8.25 A. M., and 14 minutes rest taken. At Irvington a halt was made at 9.50 A. M. for rest and rations for 24 minutes. Dobbs Ferry was reached at 11.10 A. M. At Hastings a short rest was taken. Arrived at Yonkers at 1.40 P. M., and rest of 30 minutes taken. Van Cortlandt Park was reached at 2.40 P. M., where after careful inspection Capt. Wendel found horses and men in good condition and able to continue march, and after a three hours rest to feed and water horses and serve rations to men, march was resumed at 5.50 P. M., officers and men of Battery K, 1st U. S. Artillery, who were in camp, cheering as Capt. Wendel's battery left. High Bridge was reached at 7.04 P. M., and a rest of 19 minutes taken. The armory in West 44th street was reached at 9.50 P. M. Unhitched, unharnessed and stored baggage, etc., in good order. Distance from Sing Sing, 33 miles. During march no serious sickness occurred.

Capt. Wendel considers the experimental march a success and says that practical instruction for artillerymen can be obtained in no other way. They learned how to take care of themselves on the march and in camp. The great trou-



ble they experienced was with the old harness. Capt. Wendel thanks Gen. Porter for the opportunity offered for the march and Capt. Dillenback for services rendered.

#### Naval Militia.

New York.—The 1st Battalion, Comdr. Miller, will be inspected on the New Hampshire Nov. 28 by Gen. McGrath.

Massachusetts.—The U. S. monitor *Pascag*, on which Massachusetts Naval Brigade drilled during the past summer, has gone into winter quarters at the Navy-yard, with the Coast Survey schooner *Eager* a near neighbor.

The career of the *Elida*, now the *Nichteroy*, of the Brazilian navy, will be watched with all absorbing interest, as being a modern merchant ship which has been fitted up as a man of war. Her efficiency may largely illustrate the future policy of arming vessels of similar build for war purposes, and as the Naval Militia would be called on in time of war to man this class of vessels they are particularly interested as to the result in this case.

It would also be important if the value of tug boats, equipped and acting as torpedo boats, should be thoroughly demonstrated.

Connecticut.—The 1st division of the battalion of naval militia, of Connecticut, has been officially ordered to organize.

(Correspondence of the Army and Navy Journal.)

#### ILLINOIS.

CHICAGO, Nov. 20, 1898.

At the election for colonel of the 1st Infantry held on last Saturday afternoon, Lieut.-Col. Turner was unanimously chosen to succeed Col. Chas. R. E. Koch, resigned. As Lieut.-Col. Moulton, of the brigade staff, has declined to accept the vacancy caused by Col. Turner's promotion, it is not yet known who will be elected lieutenant-colonel. After the election Col. Turner gave the officers of the regiment a banquet in the rooms of the Chicago Athletic Club.

Gov. Altgeld has appointed Andrew Welch, of Aurora, a brigadier-general, and assigned him to the 3d Brigade to succeed Gen. Clendenen, who was removed at the same time Gen. Fitzsimmons was asked to resign. Gen. Welch is a recognized Democratic leader and has held several civil offices, but has never been connected with the National Guard in any way. Col. Bonnett was the senior officer of the brigade.

Major Elliott Durand, 1st Infantry, has resigned, after 20 years' service in the Guard. He is a well-known writer on Guard subjects. A complimentary order accompanied his discharge.

#### MASSACHUSETTS.

The new law providing that "the uniform or insignia of rank prescribed for the officers of the M. V. M. shall be worn only by persons entitled thereto, by commission under the laws of this Commonwealth or of the U. S. or of another State of the U. S.," etc., has caused the adoption by the Boston School Regiment (for its officers) of the inverted chevron of gold lace similar to that worn by the cadet officers at the West Point Academy.

This change in the designation of the officers in schools where military drill is taught, will probably be adopted by all, but no action has yet been taken by the Adjutant-General to enforce the law, the penalty for the violation of which is \$1.00.

There are quite a number of secret societies who drill under officers bearing the same titles as officers of the militia and who wear the same insignia of rank. Such officers are liable to fine under the present law, and what is now needed is some action on the part of the Adjutant-General's Department to bring the provisions of the law to the attention of those violating its provisions.

The value of such a law lies in its strict enforcement, thereby enhancing the value of the commissions of those rightfully entitled to command and to wear the uniform of officers in our militia.

#### NEW HOSPITAL CORPS.

ADJUTANT GENERAL PORTER, of New York, under date of Nov. 15, 1898, has issued orders establishing a hospital corps to consist of the hospital stewards of regiments and battalions, and privates to be detailed for duty in the hospital corps as follows:

Commanding officers of regiments will detail eight privates, commanding officers of battalions not part of a regiment will detail four privates, and commanding officers of separate companies, troops and batteries, will detail each one private for such duty, but no private shall be so detailed unless with his own consent and on the recommendation of the senior medical officer of the organization, nor unless he is well instructed in the school of the soldier. Men may be specially enlisted, upon the recommendation of the senior medical officer of the organization, for the purpose of such detail, in which case the detail will be permanent, but the men so enlisted will be required to drill with their organizations until they are well instructed in the school of the soldier. Except in cases of emergency members of the hospital corps will not be detached from the organization in which they have been enlisted. The senior medical officer of an organization will be in charge of the members of the hospital corps furnished by his organization. Privates detailed for duty in the hospital corps will be subject, while on such duty, to the orders of the medical officers of their organizations, and will be relieved from all drills with their companies, troops, or batteries, and their commanding officers will report them as "on special duty," or "on detached service," as the case may be.

Surgeon-General will prescribe the course of instruction and be responsible for the efficiency of the hospital corps. Medical officers will be responsible for the continuing efficiency of the detachments of the hospital corps under their charge and instruction. The medical officers of an organization will, under the direction of the senior medical officer, those of separate companies, troops and batteries, under the direction of the respective brigade surgeon, instruct the privates of the hospital corps detailed from their organization by means of lectures and demonstrations, in the methods of rendering first aid to the sick and wounded; in the elementary principles of anatomy, physiology, hygiene and therapeutics; in the care and use of hospital and field appliances; in the modes of ordinary cooking; and as litter bearers in accordance with the prescribed manual. Attendance at instruction and drills of the hospital corps and ceremonies and active duties of the command it pertains to is compulsory for the members of the corps.

At the close of the course of instruction, the detailed men of the corps shall be examined as to their proficiency by a board to be appointed for that purpose.

With the approval of the senior medical officer of an organization, enlisted men of the organization may be permitted to attend the course of instruction prescribed for members of the hospital corps, but such attendance shall not be made compulsory, and no man shall be excused by reason thereof from any part of his regular military duty.

At ceremonies the detachments of the hospital corps will take position six paces to the left and in continuation of the line, or six paces to the rear of the column, of their regiments or battalions; they will be posted by their hospital stewards, who will then take their proper positions as non-commissioned staff officers. On practice or service marches they will follow their regiments or battalions at a distance of six paces under the charge of a hospital steward and a medical officer.

The uniform of the members of the hospital corps is that prescribed by law and regulations for their respective grades and organizations, with this addition, that a private of the corps shall wear on the left arm above the elbow a lozenge of white cloth, two and three-sixteenths inches by two and three-sixteenths inches, containing in the center a Geneva cross of red cloth according to the pattern here depicted.

Members of the hospital corps, who after a year's service in it have been found qualified for such duty by the examining board, will be permitted to wear on dress and undress uniforms on all occasions, and in citizen's dress, the badge of the hospital corps of this State, as an indication of special fitness to aid the sick and injured under urgent circumstances; this badge shall be turned in to the medical officer in charge of the corps, when the soldier ceases to be a member thereof, and such medical officer shall be responsible to the State for it, and shall have the power, for good reasons, to refuse permission to wear, or decline to issue the same.

Each private of the hospital corps shall in active service carry a canteen of water, a knife of approved pattern, and, except when serving as an orderly to a medical officer, a hospital corps pouch. Upon the march, when in active service, medical officers may be attended by a mounted private, in charge of the hospital corps, carrying a medical officer's orderly pouch. In active service the ambulance and field hospital services will be performed by members of the hospital corps. In cases of emergency, commanding officers will detail on to the application of their senior medical officers, as many men as company litter bearers as the circumstances may require. Men who have attended the course of instruction prescribed for privates of the hospital corps will be preferred for such duty.

During an engagement, or in an emergency, the company litter bearers may wear, as a distinguishing mark, a brassard of red cloth around the left arm above the elbow, and they shall, under the orders of their commanding officer and the supervision of the medical officers of the organization, if any are present, give first aid to the wounded or sick, or carry them to the rear, until relieved by members of the hospital corps.

When a member of the hospital corps ceases to be a member of a regiment, battalion, troop, battery or separate company, he shall receive from the Surgeon-General of the State, upon the recommendation of the medical officer and the commanding officer of his organization, as evidence of his special qualifications and ability to perform the duties of the corps, a certificate to that effect, and the owner of such certificate, as evidence of his continued proficiency, may be examined at intervals of not more than two years, by the Surgeon-General or under his direction, and the result of such examination, if favorable, indorsed upon his certificate.

#### VARIOUS.

Pvt. Chas. S. Stoddard was elected 2d lieutenant of Co. A, 23d N. Y., on Nov. 20.

Capt. W. H. Truman, of Co. K, 9th N. Y., is slated for the captaincy of Co. C, 71st N. Y.

The athletic games of the 23d N. Y., to be held this evening, (Nov. 25) at their armory, promise to be very interesting.

Capt.-elect Poole and Lieut.-elect Maribold, 9th N. Y., and Lieut.-elect Crocker, 12th N. Y., passed the Brigade Examining Board last Monday.

The 47th N. Y., Col. Eddy, will be reviewed at its armory by Gen. McLeer on Wednesday evening, Nov. 23. A reception will follow the military exercises.

Co. B, 9th N. Y., Capt. Tompkins, have issued very neat invitations for its 8th annual reception, to be held at Lyric Hall, 723 Sixth avenue, on Thursday evening, Dec. 7, and a pleasant evening will undoubtedly be spent.

The shooting competition for the Jones trophy among the companies of the 12th N. Y., shot for in the armory range on Nov. 23, was won by the team from Co. C, Capt. Seiler, on a score of 563 points. Co. B, Capt. Smylie, was second with 558 points.

As a precautionary measure, in view of a sudden call for service, the members of the different organizations of the National Guard of Pennsylvania have sent both their business and home addresses to their headquarters so that they can be at once notified.

The games of the 23d N. Y., to be held at the regimental armory on the evening of Nov. 23, have brought out entries beyond expectation. The relay race has teams from the 23d, 7th, 23d and the 1st Naval Battalion. The 7th have also entered a team in the three-legged race, and besides there is a full programme of interesting events.

The election in Co. G, 49th N. Y., for 2d lieutenant on Nov. 20, resulted in the choice of Pvt. Costin, who received 27 votes, against 13 for 1st Sergt. Quick. There is no truth in the report that Capt. Mortimer has resigned, nor has he any intention of so doing until old age, or circumstances over which he has no control, may compel him to.

Col. Abernethy, 4th Regt., N. G. N. J., announces the following rules relating to long service medals adopted by the Board of Officers: Any member of the 4th Regiment who shall serve ten years shall be entitled to the bronze decoration adopted by the Board of Officers; 15 years, the silver decoration; 20 years, the gold decoration, and 25 years, the gold set with brilliants. Service is not necessarily consecutive, but to receive a ten year decoration a member must serve at least one year previous to presentation; to receive a 15 year decoration, to serve at least two years; a 20 year decoration, three years, and a 25 year, at least five years. Members entitled to wear the long service decoration shall wear the highest decoration in their possession only. The long service decorations shall be presented at the close of each drill season. The decorations shall be presented to active members of the regiment only.

The scribes among the New York dailies within the past few days have managed to enlighten the public upon many new points in connection with the affairs of the 69th Regiment. They have informed us that ex-Mayor Grant, Col. Austin, Col. Partridge, Gen. McMahon, Gen. O'Brien, Col. Bacon, Capt. Roe, Knorr the baker, Lieut.-Col. Moran, Maj. Duffy and several dark horses are each going to be the next colonel of the 69th; that the privates are diligently canvassing for votes, and an election will be held on Dec. 1; that the votes of the staff officers will give the balance of power to Major Duffy, and that Lieut.-Col. Moran is a sure winner and Adj. Murphy is a likely one. In case the regiment cannot agree on a candidate after three ballots, we are also informed, a colonel will be appointed and the rank and file might not like this. Maj. Duffy is pronounced to be one of the best tacticians in the State, who at one time ordered all the commissioned officers in the brigade to learn how to mount a horse and use a sword, and Lt.-Col. Moran is a fine officer, a great military student and drill master, and without a peer among the tactical sharps in the Guard. All the staff officers, it has also been said, are likely to be retired. So much has been said that it would be useless to add further to the information at present.

In connection with the rifle match between a rifle team from the New Jersey troops and one from the District of Columbia, published last week, and sent us by a correspondent in New Jersey, an officer from the District of Columbia team, writing us in reference to the published scores, says: "In your issue of Nov. 18 are the scores of what would appear to be two rifle matches, in which the competing teams were from New Jersey and the District of Columbia. The New Jersey scores are stated at 680 and 708, while the District scores are given as 684 and 682. The facts are that there was but one match shot—17 shots at 300 yards and 24 shots at 500 yards, by teams of eight men—and that the District of Columbia total was 1,407, while the New Jersey aggregate was 1,397. The District National Guard is properly proud of the record, which shows that none of our teams, either brigade or regimental, have been defeated during the season which has just come to a close. We hold the Hilton and N. H. A. trophies for three successive years, and our regimental team has captured the bronze trophy offered by the New Jersey State Rifle Association."

#### COMING EVENTS.

Nov. 25.—Athletic games 23d N. Y., at armory.  
Nov. 27.—Reception and drill, 3d Battery, N. Y.  
Nov. 28.—Review of 47th N. Y. at armory.  
Nov. 28.—Reception of Co. I, 14th N. Y., at armory.  
Nov. 28.—Annual inspection of Naval Battalion, N. Y.  
Nov. 29.—Annual ball, Co. I, 14th N. Y., at armory.  
Nov. 29.—Reception, Co. B, 12th N. Y., at armory.  
Nov. 29.—Athletic games 23d N. Y., at armory.  
Nov. 29.—Reception Co. B, 71st N. Y., at Harlem Opera House.  
Nov. 29.—Review and reception, 47th N. Y., at armory.  
Dec. 4.—Camp fire Co. C, 14th N. Y., at armory.  
Dec. 7.—Ball, Co. B, 9th N. Y., at Lyric Hall, New York City.  
Dec. 7.—Annual dinner of officers of the 12th N. Y.  
Dec. 9.—Athletic games, 7th N. Y., at armory.  
Dec. 12.—Annual winter games, 12th N. Y., at armory.  
Dec. 12.—Ball, non-commissioned officers, Co. A, 71st N. Y., at Lyric Hall.  
Dec. 27.—Review and parade 2d Battalion, 13th N. Y., at armory.  
Jan. 1.—Ball of Co. G, 14th N. Y.  
Jan. 10.—Annual ball of 1st Battery, N. Y.  
Feb. 1.—Minstrel entertainment and ball of Co. C, 23d N. Y., at Central Opera House, 67th street and 3d avenue.  
Feb. 8.—Anniversary dinner Co. B, 71st N. Y.

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## INSTRUCTION.

Cheltenham Military Academy

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ANSWERS TO CORRESPONDENTS

M.—Major-Gen. Miles is most likely to succeed Major-Gen. Schofield as General Commanding the Army when the latter retires, Sept. 29, 1898.

C. F. asks if the Interpretations of the Cavalry Regulations are on sale. Ans.—No; the only questions answered have appeared in the ARMY AND NAVY JOURNAL.

W. F. S. says: I have served an enlistment in the Marine Corps and was honorably discharged Oct. 23, 1896. After being out six years I enlisted in the Army, and now with 18 months service I want to purchase my discharge. Can I do so? Ans.—Yes, you are eligible for discharge by purchase so far as service is concerned.

Clerk.—It is doubtful if you can get any extra pay for writing up the Court-martial proceedings. Par. 1048, A. R., says: "No person in the military or civil service of the Government can lawfully receive extra compensation for clerical duties performed for a military court."

A. B. C.—There are seldom any vacancies in the Corps of General Service Clerks, but you might write and inquire to the Assistant Adjutant General at the several department headquarters: War, N. Y.; N. Y.; Missouri, Chicago, Ill.; California, San Francisco; Dakota, St. Paul, Minn.; Platte, Omaha, Neb.; Colorado, Denver, Colo.; Texas, San Antonio; Columbia, Vancouver Barracks, Wash.

C.—The colleges that will have vacancies between now and Sept. 1, 1899, are: University of Illinois, Champaign; State Agricultural College, Manhattan, Kansas; Agricultural College of Kentucky, Lexington; St. John's College, Annapolis, Md.; State University of Nevada, Reno; Grove City College, Pa.; Agricultural College of Texas, College Station, Texas; and Virginia Agricultural College, Blacksburg, Va.

W. F. asks: 1. Is a German, a deserter from the Army of his native country, who has become a citizen of the U. S. liable to arrest and punishment, should he temporarily return to Germany? Ans.—Yes.

2. What is the status of children of foreigners, who emigrated to this country with their parents before they were of age in regard to citizenship, their parents in the meantime having become citizens, or declared their intention to do so? Ans.—Children whose parents have been naturalized become citizens if such naturalization occurred before they attain their majority.

(Correspondence of the Army and Navy Journal.)  
FORT SHERIDAN.

CHICAGO, NOV. 20, 1898.

An uprising against the food occurred at Fort Sheridan, Ill., on Friday last. The men say there has not been enough food and that the quality has been poor. The outbreak came at supper time on Friday. The cavalrymen were the first to march into the mess room. At supper there was tea with sugar but no milk, bread without butter and a kind of jelly described as "having the taste of colored glue." As soon as the supper was placed on the table they all went out in spite of the efforts of the non-commissioned officers to prevent them. The battery and the infantry also refused to eat, and those who couldn't get away to town to buy food went to bed hungry. An improvement in breakfast the next morning quieted the trouble, and it is thought that nothing more will be heard of it.

Lieut. Lucien Young registered at the Palmer House in this city on Nov. 18. As he commanded the artillery landed from the Boston at the detronement of Queen Liliuokalani, the Chicago newspaper men sought an interview with him on the Hawaiian question, but he said that as an officer of the Government he was expected to execute its policies and not discuss them.

A VOLUNTEER sham fight took place recently. During the retreat one of the volunteers, in scrambling through some bushes, stuck fast in a hedge. One of the advancing force seeing the situation, for a joke came towards the unfortunate volunteer at full charge, with his bayonet fixed, and a ferocious look on his face. The poor fellow in the hedge seeing the threatening aspect of affairs, bawled out at the top of his voice—"Haud on, you idiot; dae yeno ken it's only in fun?"

THE COLUMBIA.

THE official trial of the U. S. war-ship Columbia on Nov. 18, over a course close upon 44 knots long, between Cape Ann and Cape Porpoise, was made under favorable circumstances, and a splendid speed record was attained. She averaged 22.80 knots an hour during a four hours' run, under forced draught, thus earning \$250,000 of premium for her builders, the Cramps, of Philadelphia. On her trial trip up the course the Columbia, with elements in her favor, was spurted between the seventh and eighth buoys, a distance of 7.74 miles, and she said to have achieved the extraordinary rate of 25.31 knots an hour, but on the up course, as a whole, the rate of speed averaged was 22.92 knots, while the return run was made at the rate of 22.70 knots an hour. This made the rate for the entire run 22.81 knots. We understand that the official figures have since been made 22.50 knots. At the finish the port engine showed 136½ revolutions, the starboard 134, and the centre 133. The steam pressure was 158 pounds, and the air pressure less than half an inch, the limit being one inch. The horse power developed on the entire trip averaged 21,500. As on previous trips, the corps of 20 engineers, under Chief Engr. Edward Farmer, U. S. N., took indicator cards every half hour and made observations every fifteen minutes. The engines are reported to have worked perfectly from start to finish.

AGAINST RETIREMENTS.

THE Washington Star says: Representative Bailey of Texas intends to make a campaign against the retired list of the Army and Navy and United States judges on the retired list when the regular session of Congress opens next December. He introduced several bills a few days ago, noted in the Star at the time, providing for the repeal of the laws authorizing the retirement of officers of the Army and Navy and United States judges, and also providing that those persons already on the retired list shall cease to draw pay from the Government.

"Why, of course I intend to push them," said Mr. Bailey to-day, when questioned by a Star reporter. "I was never more in earnest about anything in my life. If those bills are not reported from the committee after a reasonable time I shall reintroduce them and ask their reference to some other committee. I think the House has a right to express its opinion upon them by a vote, and some people will be surprised, I venture, to see the favorable sentiment toward them which I believe the vote will disclose."

"I think the policy of the retirement of officers is wrong in the first place, and it begins at the wrong end of the situation, too. The common soldier, I take it, the man who serves through all the toils and dangers of camp and field for a beggarly pittance has but little, if any, opportunity to provide against the rainy day of old age, and yet he must out of his meagre earnings save enough to keep him from want when he is no longer able to work, for the Government does not engage to maintain him in his declining days. The officer, however, with his good salary, need not economize, but may spend his money from day to day, knowing that when he is no longer able to work the Government will support him on the retired list."

"The whole system is wrong and I shall use my best efforts next session to get these bills through the House." Mr. Bailey has made a study of the subject and will come back next December equipped with facts and figures to present in support of his arguments for the bills.

At the suggestion of Lieut. R. G. Davenport, Executive Officer of the *Machias*, several alterations have been made toward the comfort and convenience of the ship's officers and crew.

U. S. REVENUE CUTTER SERVICE.

1st LIEUTENANT THOMAS D. WALKER, attached to the revenue steamer Crawford, having preferred charges of habitual and excessive use of intoxicating liquors and of scandalous conduct against his commanding officer, Capt. John C. Mitchell, the following officers of the Service were designated by the Treasury Department as a board to investigate the charges: Capt. J. A. Henriques, George W. Moore and J. W. Oongdon.

The board reported its action Oct. 3, and found Capt. Mitchell guilty of improper indulgence in the use of intoxicants and of other conduct unbecoming an officer of the Revenue Cutter Service, and recommended that he be reduced in rank so that his name shall appear on the register next after that of Capt. Warrington D. Roath; that he be suspended from duty for one year, and that he be reprimanded.

Secretary Carlisle, on Nov. 18, approved the findings and ordered that Capt. John C. Mitchell be reduced 13 numbers in his present grade, whereby his name shall appear upon the register next below that of Capt. Warrington D. Roath; that he be relieved of his present command and placed on "waiting orders" for the period of one year, and that this order be read by the commanding officer of each revenue vessel in commission at a muster of the officers of his command.

Secretary Carlisle on Nov. 20 sent orders to the revenue cutters Merrill and Boutwell to render all possible assistance to the Red Cross Society in carrying supplies to the residents of the islands along the South Carolina coast devastated by the great cyclone.

Military Order of the Loyal Legion.

At a meeting of the District of Columbia Commandery to be held Dec. 6, the following are among candidates for membership: O. C. Badger, U. S. N.; M. D. Dir. G. S. Beardsley, U. S. N.; Gen. N. J. T. Dana, U. S. V.; Capt. Wm. Bond, 4th U. S. Art.; Capt. R. G. Rutherford, U. S. A.; Chief Engr. W. H. Rutherford, U. S. N., and Capt. A. B. Taylor, U. S. A.

FOREIGN ITEMS.

THE Havock recently underwent her official trial. During a continuous run of three hours, carrying a load of 35 tons, she made 26 knots an hour. The Admiralty authorities are said to have expressed themselves much pleased with the result. In order to test by practical experience how far the vessel can operate from a base, further slow speed trials are to take place.

THE Prussian Military Commissariat seems to be having trouble according to a recent despatch which says: A large wholesale butcher of Berlin is about to be prosecuted for supplying the army with diseased meat. The progress of the inquiry suggests the belief that the outbreak of typhoid in certain regiments was due to bad meat thus supplied.

THE military authorities in Germany are taking energetic measures to put an end to the practice of gambling now so much indulged in by officers. They are prompted to this by the revelations in a sensational gambling trial at Hanover, where over a hundred officers, holding rank from that of major-general downwards, from various garrisons all over Germany, and a large number of landed proprietors, students, and others were summoned as witnesses. The authorities were informed on Aug. 5, 1892, that two of the defendants—so-called bankers—had fleeced a lieutenant of the sum of a little over £700 at a game of hazard, apparently by cheating. This announcement led to the discovery of the whole band. At Baden Baden one victim had his funds diminished by \$15,000. The defendants are not all charged with the same crime. The list of accusations comprises professional usury, the exploitation of the distress, levity, and inexperience of others, professional gambling and cheating, embezzlement, and the aiding and abetting of all these felonious practices. The Emperor is taking an active personal interest in the matter.

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All from this season's importation.

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A NOT very satisfactory trial has been made at Portsmouth, of the apparatus for signaling invented by Prince Lewis of Battenberg. It is hoped, however, that the defects revealed can be remedied. During the fete at Ajaccio, a large jar, containing turpentine, exploded in the paint room, on Admiral Aveilan's flagship, and a sailor was suffocated by the noxious gas, while a comrade, who had hurried to his succor, fell on the floor in a state of insensibility and expired some hours later. Soon afterwards, when the people crowded round the iron-clad in boats, the admiral made signs to them to refrain from cheering. The programme of the festivities was modified.

The trial of H. M. S. *Speedy* was brought to a successful conclusion, and the last of the torpedo gunboats was thus added to the Navy. This vessel is especially interesting from the fact that she is fitted with the Thornycroft water-tube boiler, and that her builders, Messrs. J. I. Thornycroft and Co., had promised 1,000 indicated horse-power over other vessels of the class. The guarantee for the rest of this class has been 2,500 indicated horse-power with natural draught, and 3,500 with forced draught. The *Speedy* was guaranteed for 4,500 forced draught. The contract was exceeded on both trials, no less than 4,674 indicated horse-power being the mean. The revolutions were 247 starboard and 243 port engine, the steam 193 lb. The day was a bad one for the purpose, a strong north-east wind, which blew through the night and during the trial, making a nasty sea; the course being from the North to the North Foreland. The speed, however, was 20 knots, which could be considerably exceeded under favorable conditions.—*Engineering*.

COMING to close quarters with an enemy is so characteristic of the British race that it is hardly conceivable that those tactics will be reversed in the future without some much stronger inducement than has yet been brought forward. Advocates of monster battle-ships may speak of long-range fighting as conceivable tactics to avoid the ram and torpedo; but, although a battle may thus be commenced, the choice of preserving distance must depend on the will of the opposing force, or result in a stern fight with disastrous consequences. However attractive the idea of avoiding total destruction by abandoning armored protection and fighting at long ranges may appear to be in theory, the realization of such a prospect must be dependent entirely on the mutual consent of all other nations. They must agree to prescribed rules of combat, not to be departed from, like those of duellists, both as regards the choice of weapons and as to the number of paces that to separate the combatants.—*Admiral George Elliot*.

#### ORDNANCE NOTES.

At a meeting of the Engineers' Club of Philadelphia, held in that city Oct. 7, last, Mr. Jaques, Ordnance Engineer of the Bethlehem Iron Company, gave an interesting description of the Bethlehem Iron Company's exhibit at the Chicago Fair.

Bids for smokeless powder for the Army will be opened on Dec. 5, by Gen. Flagler. It is intended for the 30 calibre small arms, and 10,000 rounds will be purchased in the first lot. It is expected that certainly three and perhaps four makers will present bids. One is Mason Leonard, whose samples have been successfully tested at Sandy Hook. Another is a San Francisco concern which makes the Peyon composition. The third is a powder already used by sportsmen, made by the Dupont Company at Wilmington, Del. Possibly Houghton will also submit a bid, as he has had success with small lots. The powder will be delivered at the Frankford Arsenal, near Philadelphia, for testing.

In reproducing photographs of the Indian Head armor trials of last July, when a Carnegie 9-inch plate was attacked by 8-inch Holtzer projectiles, and a Bethlehem 17-inch by 12-inch Carpenter shell, the *London Engineer* says: "In both plates the steel is excellent; the even complete fringe, so dear to steelmakers, is seen round each hole, and no trace of metal being detached is apparent. In both plates the resistance to fracture is complete, no cracks being apparent. In justice to the Bethlehem plate, we must point out that instead of benefiting by the larger projectile being less excellent than the smaller one, as might naturally be expected, the opposite turned out to be the case, for the 8 inch Holtzer shot bulged round the centre in the two cases when it failed to perforate, while the Carpenter shot rebounded undeformed."

The Hartford Daily Courant of Nov. 20 states that heavy seizures of military rifles have been made in

the small arms factories and the stores of private dealers in Liege, Belgium, in the interest of the Lee Arms Company, a Connecticut corporation, owning the patent of the well-known Lee repeating rifle. The ground upon which these seizures were made was that the Belgian armories in manufacturing military rifles of the Mannlicher and Mauser type, have violated the distinctive feature of James P. Lee's invention, the magazine fixed, either detachably or otherwise, under the receiver of the Lee rifle, and this seizure, of course, is the first step in a suit for damages against the manufacturers of Liege. This assertion of their rights by the American owners of the Lee patents is a late action on their part; but the delay puts in controversy a sum worth fighting for. We have often stated in *Ordinance Notes* the fact that Lee's invention of the magazine under the receiver is the original suggestion of nearly every system of repeating rifle in which it appears now in use in Europe. Great Britain is the single exception to the list of foreign powers now armed with magazine rifles based upon Lee's invention, to have treated the inventor and his company with even the poor and cheap award of a verbal recognition of his genius, and having already paid an advance sum of \$250,000 for the right to use the Lee patents. Perhaps in this late assertion of its rights in Belgium the Lee Company will garner a portion of the returns due to it in Continental Europe. In the volume of the *JOURNAL* for 1896 we took occasion to illustrate editorially the violation of American small arms patents by Belgian manufacturers, referring particularly to the cheap and dangerous imitations of the Smith and Wesson revolver turned out by the armors of Liege, against some of whom that well-known establishment had commenced legal proceedings under the then recent international patent agreement. Whether the suit has eventuated, and how, we are not informed. A recent despatch from Brussels says that "at the instance of Smith and Wesson the revolver makers in Springfield, Mass., U. S., a large seizure of revolvers has been made in Liege. The principal makers in Liege from whom the weapons were taken are said to have stamped Smith and Wesson's names on inferior goods, which were sold at a low price." This discovery is, as the Springfield Republican observes, not a new one; but the summary action taken in the interest of the American manufacturers is, we believe, new, and, we trust, based upon previous successful litigation.

(Correspondence of the Army and Navy Journal.)

#### FORT BRADY, MICHIGAN.

NOVEMBER 19, 1898.

THE Sault Ste. Marie Club gave a sumptuous banquet last night to two officers and Mr. Clarence J. Johnson, architect of the new post, whose tours of duty here have expired, and who are about leaving. Capt. Geo. S. Hoyt, A. Q. M., who has had charge of the construction of the new post, goes to Helena, Mont., to build the new ten-company post there. Lieut. J. Ronayne goes to Mackinac, to join Co. C (with rifle). Mr. Johnson accompanies Capt. Hoyt to Helena.

Winter has apparently come to stay, the snow is about a foot deep now, and more falls nearly every day.

The officers of the post gave Lieut. Ronayne a hop Thursday evening, which was well attended, and was a very enjoyable affair. The facilities for both officers and soldiers to have hops here are excellent.

The iron flag staff erected in the new post appears to be unable to withstand our strong winds. It has been twice blown out of shape. COLD CLIMATE CORRESPONDENT.

#### MARTIAL ASTRONOMY.

MEN may be good soldiers without being scholars, and it is also true that men may be amusing when they are weighed down by the gravest responsibilities.

On the evening before a solar eclipse not long ago the colonel of a regiment of German Infantry sent for all his sergeants and said to them:

"There will be an eclipse of the sun to-morrow. The regiment will meet on the parade ground in undress. I will come and explain the eclipse before the drill. If the day is cloudy the men will meet in the drill shed as usual."

The sergeants thereupon drew up the following order of the day:

"To-morrow morning, by order of the colonel, there will be an eclipse of the sun. The regiment will assemble on the parade ground, where the colonel will come and superintend the eclipse in person. If the day is cloudy the eclipse will take place in the drill shed."—*Youth's Companion*.

THE Supreme Court of the United States has, in an opinion read by Justice Field, held that the great lakes of the United States and their connecting waters were included within the term "high seas," as used in the statutes providing punishment for crimes committed thereon.

#### OF INTEREST TO TRAVELLERS.

THE Baltimore and Ohio Railroad announce that they have placed on sale round trip tickets at reduced rates to the Winter Resorts in Florida and the South, and also to such points of interest as Luray, Natural Bridge and Gettysburg. This Company has also arranged to place on sale excursion tickets to San Francisco and other points in California on account of the Mid-Winter Fair, at unusually low rates. Excursion tickets are now on sale to Baltimore and Washington via the famous Royal Blue Line.

With its vestibuled train service via Washington to Cincinnati, St. Louis and Chicago, the B. & O. is in the best of condition to handle western and southern travel. That the line is a popular one is attested by the enormous World's Fair business handled this summer.

Those contemplating a trip west or south this winter, should write to C. P. Craig, General Eastern Pass. Agent, 415 Broadway, New York, for rates and other information.

#### MILITARY AND NAVAL INVENTIONS.

THE following list of patents granted November 21, 1898, for inventions relative to the Army and Navy is reported especially for the ARMY AND NAVY JOURNAL by Glascock and Company, Patent Attorneys, Washington, D. C., of whom printed copies can be had for 15 cents each:

Martin Davies, Jersey City, N. J., propeller. Carl Holmstrom, assignor to Maxim-Nordenfeli Guns and Ammunition Co., London, England. Recoil operated quick firing gun.

John R. Mahoney, Sistersville, W. Va., propelling mechanism for boats. John L. McCullough, Brooklyn, N. Y., magazine gun and electrical devices therefor.

Ernest H. L. Paterson, Hamburg, Germany, signaling lantern for vessels. Andrew E. Veon, assignor of one-half to J. Westfall et al., Milwaukee, Wis., shot gun wad.

Don't fill your stomach with "spirits which wreck it. Cook's Extra Dry Imperial Champagne tones it up. "Highest Award, Diploma and Medal, Columbian Exposition."

Impaired digestion cured by Beecham's Pills.

#### BIRTHS.

JONES.—At Vancouver Barracks, Wash., Nov. 4, to the wife of Lieutenant Wm. K. Jones, 14th Infantry, a son.

TOMPKINS.—At Fort Riley, Kas., Nov. 20, to the wife of Lieutenant Frank Tompkins, 7th U. S. Cavalry, a son, CHAS. BARR TOMPKINS.

#### MARRIED.

BRAINE—WARRBURN.—At New York City, Nov. 22, Mr. CLINTON ELGIN BRAINE, son of Rear Admiral D. L. Braine, U. S. N., to Miss ELLA BIRD WARRBURN.

KNUDSEN—EVENSEN.—In the Post Chapel at Fort Leavenworth, Kas., Nov. 14, Post Chaplain Charles C. Pierce officiating, 2d Lieutenant FREDRIK L. KNUDSEN, 8th Infantry, to Miss GENE CAROLINE EVENSEN.

MILLIS—RAOUL.—At Atlanta, Ga., Nov. 22, Captain JOHN MILLIS, Corps of Engineers, U. S. A., to Miss MARY RAOUL.

SHEPARD—WATT.—On Tuesday evening, Nov. 14, at York, Pa., Assistant Engineer GEORGE HUGH SHEPARD, U. S. Navy, to Miss JESSIE ELIZABETH WATT, daughter of Mr. and Mrs. Andrew Watt, and sister of Assistant Naval Constructor R. M. Watt, U. S. Navy.

WROOM—WOOD.—At Fort Leavenworth, Kas., Nov. 23, Major PETER D. WROOM, Inspector General, U. S. Army, to Miss MARGARET WOOD, daughter of Captain Palmer G. Wood, 12th U. S. Infantry.

WILSON—WILLIAMSON.—At St. John's Church, Washington, D. C., Nov. 16, Mr. HERBERT M. WILSON, of the Geological Survey, to Miss BESSIE, daughter of Chief Engineer Thom Williamson, U. S. N.

#### DIED.

CHEVERS.—At West Philadelphia, Pa., Nov. 19, the Rev. SAMUEL S. CHEVERS, brother of Chief Engineer M. T. Chevers, U. S. R. M.

COCHRAN.—At Philadelphia, Pa., Nov. 18, SARAH, relict of the late Daniel J. Cochran, and mother of Pay Director George Cochran, U. S. N., in her 95th year.

IRWIN.—At his late residence, 9 Austin Street, Newark, New Jersey, Nov. 5, JAMES GERRARD IRWIN, in the 59th year of his age, second son of the late Jas. Irwin, of New York, N. Y., formerly of Roundfort House, Roscommon, Ireland, and a brother of B. J. D. Irwin, Colonel, U. S. Army.

MYERS.—At Alexandria, Va., Nov. 12, Mrs. MARION TWIGGS MYERS, daughter of the late Major-General David Emmanuel Twigg, formerly of the U. S. Army.

SWAINE.—At Los Angeles, Cal., Nov. 14, GEORGE USHER SWAINE, son of Colonel at Mrs. P. T. Swaine, U. S. Army, aged 24 years.

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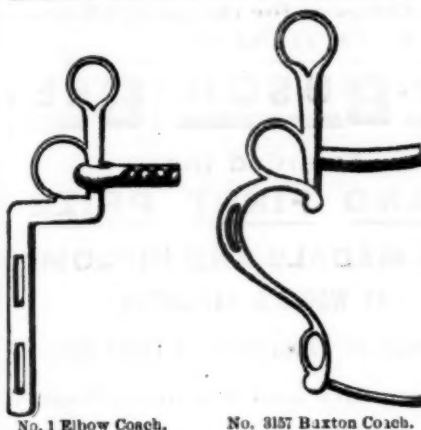
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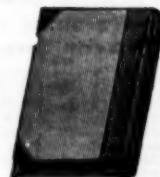
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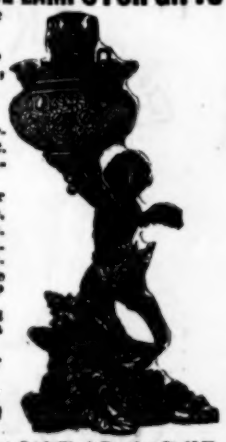
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